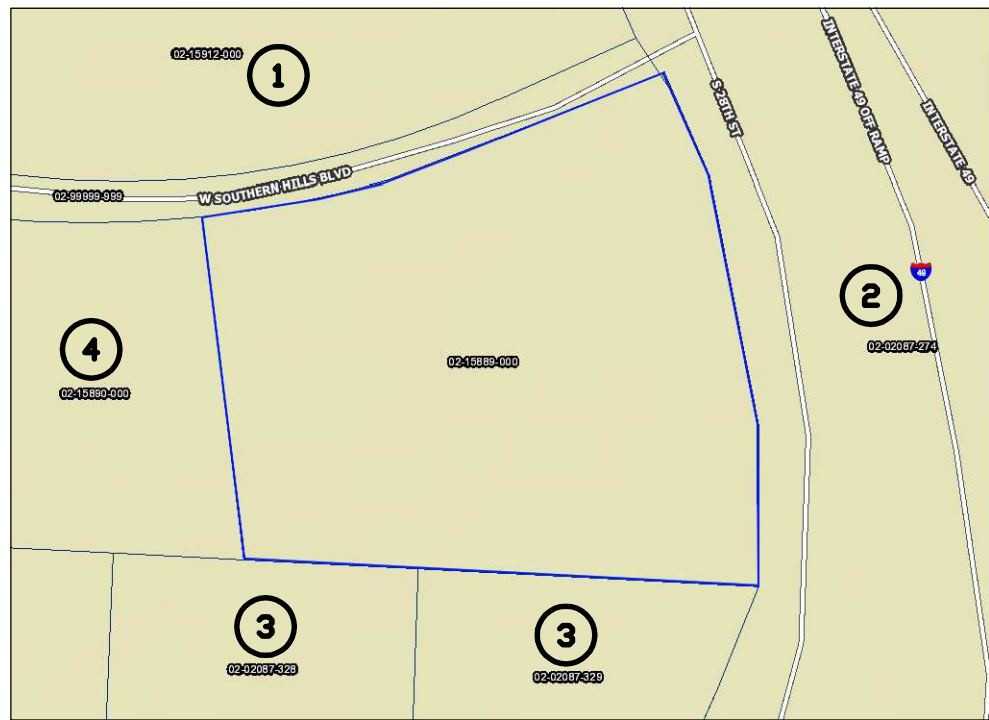


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Date: 1/12/2012
Drawing Name: I:\100\11-49\Engineering\03 Site & Utility Plan.dwg
Xrefs Used: base, COA BSA, BATES-AR, 2436



ADJACENT PARCEL MAP
N.T.S.

ADJACENT PROPERTY OWNERS:

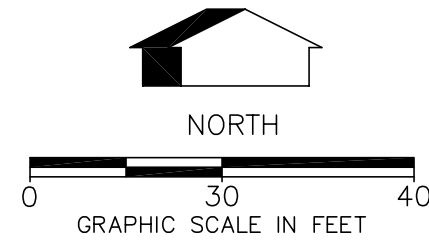
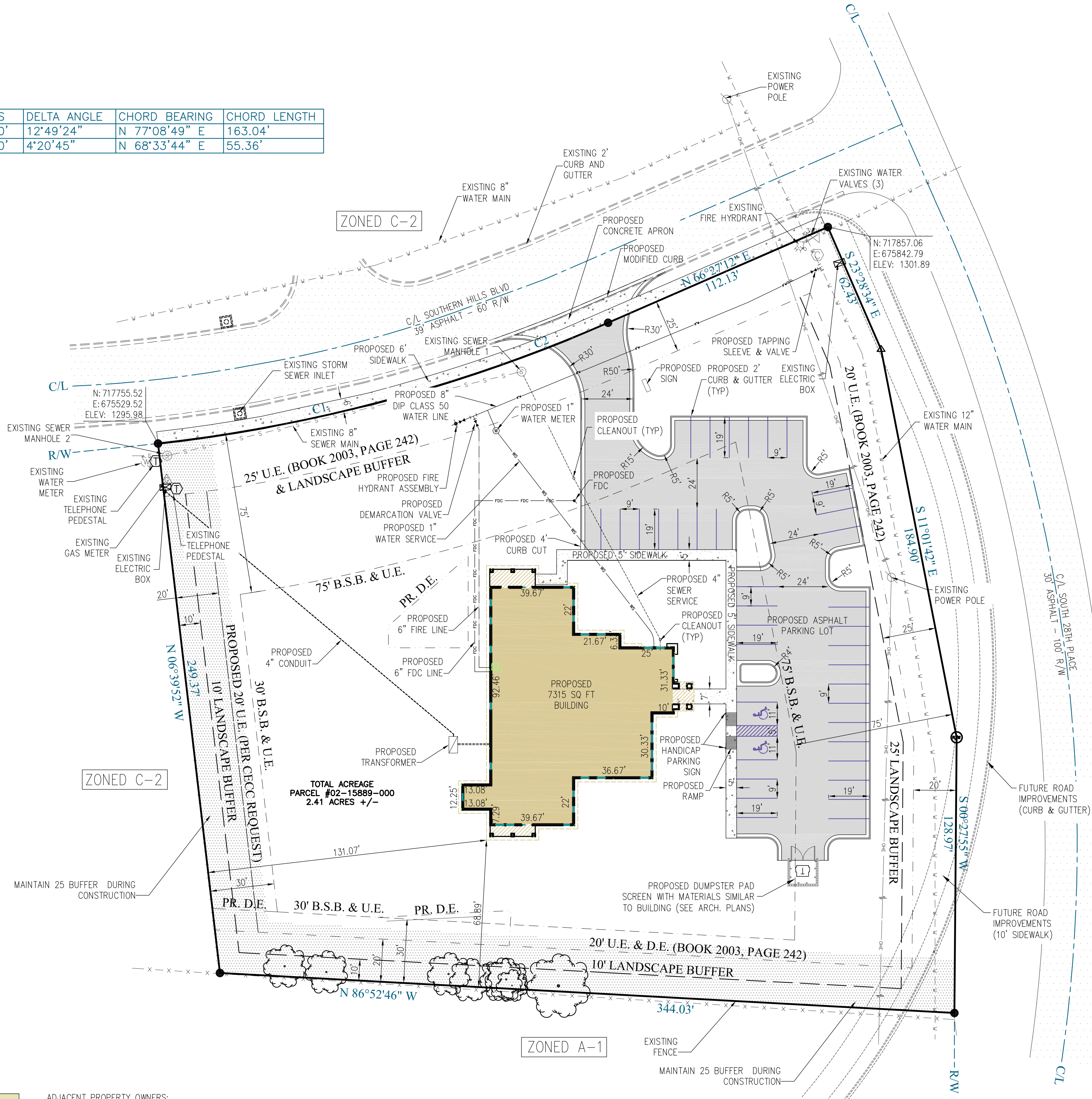
- 1) HEJ PROPERTIES LLC
2531 BERNADETTE DR
COLUMBIA MO 65203-4674
PARCEL: 02-15912-000
- 2) ARKANSAS STATE HIGHWAY COMMISSION
PO BOX 2261
LITTLE ROCK AR 72203-2261
PARCEL: 02-02087-274
- 3) LIN & NGUYN LLC
3220 W PERRY RD
ROGERS, AR 72758
PARCEL: 02-02087-329, 02-02087-328
- 4) HOME INTERIOR WAREHOUSE INC
4311 E CHURCHILL DR
FAYETTEVILLE AR 72701-2988
PARCEL: 02-15690-000

IMPERVIOUS AREA CALCULATIONS:

TOTAL AREA OF SITE	105,120 SQ FT
IMPERVIOUS AREA	25,449 SQ FT
% OF IMPERVIOUS AREA	24%

CURVE TABLE

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	163.38'	730.00'	12°49'24"	N 77°08'49" E	163.04'
C2	55.37'	730.00'	4°20'45"	N 68°33'44" E	55.36'



SEWER INVERTS:

- 1) RIM ELEV: 1300.88
4" PVC IN FROM NE: 1239.33
8" PVC OUT TO SW: 1293.25
- 2) RIM ELEV: 1296.66
8" PVC IN FROM NE: 1290.19
4" PVC IN FROM SE: 1290.26
8" PVC OUT TO SW: 1290.14

NOTES:

1. ALL MECHANICAL AND UTILITY EQUIPMENT LOCATED ON THE WALL OR GROUND SHALL BE SCREENED WITH TALL GRASSES OR SHRUBS.
2. ALL EXISTING UTILITIES BELOW 12KV SHALL BE RELOCATED UNDERGROUND. ALL INSTALLED UTILITIES SHALL BE LOCATED UNDERGROUND.
3. ALL CONDUITS PLACED BY CONTRACTOR MUST HAVE 48" OF COVER AT FINAL GRADE AND MARKED WITH POST TO IDENTIFY THE END OF CONDUITS. THERE MUST BE A MINIMUM SEPARATION OF 12" BETWEEN CONDUITS FOR ELECTRIC AND CONDUITS FOR OTHER UTILITIES.
4. DAMAGE TO OR RELOCATION OF EXISTING UTILITIES SHALL BE AT THE DEVELOPERS EXPENSE.
5. ALL METER LOCATIONS AND BACKFLOW PREVENTION MUST BE APPROVED BY ROGERS WATER UTILITIES.
6. NOTIFY PUBLIC WORKS INSPECTOR IN ADVANCE OF PERFORMING WORK IN THE RIGHT OF WAY OR PUBLIC INFRASTRUCTURE
7. ROGERS WATER UTILITIES SHALL PROVIDE AND INSTALL WATER METER SERVICE AT OWNER'S EXPENSE.

ADA NOTES:

1. CONTACT ADA ADMINISTRATOR AND REQUEST AN INSPECTION PRIOR TO POURING ANY SIDEWALK OR DRIVEWAY IN THE RIGHT-OF-WAY
2. MAXIMUM SIDEWALK CROSS SLOPE NOT TO EXCEED 2%. HANDICAP PARKING SPACES NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.

PROPOSED	EXISTING	DESCRIPTION
		ASPHALT (EDGE)
		ASPHALT (SURFACE)
		BOLLARD
		BUILDING SETBACK LINE
		CABLE TV (UNDERGROUND)
		CABLE TV (OVERHEAD)
		CENTERLINE
		CONCRETE (EDGE)
		CONCRETE (SURFACE)
		CONDUIT
		CONTOURS
		CURB & GUTTER
		DRAINAGE FLOW
		DUMPSTER
		EASEMENT
		ELECTRICAL (UNDERGROUND)
		ELECTRICAL (OVERHEAD)
		ELECT. TRANSFORMER
		EROSION CONTROL BALES
		EROSION CONTROL FENCE
		EROSION CONTROL RIP-RAP
		FENCE (WIRE/WOOD/CHAIN)
		FIBER OPTIC CABLE
		FIRE HYDRANT ASSEMBLY
		FLOWLINE
		FORCE MAIN
		GAS MAIN
		GAS METER/VALVE
		GRAVEL (EDGE)
		GRAVEL (SURFACE)
		IRON PIN - (RE-BAR)
		LANDSCAPE EDGING
		LIGHT MONUMENT (CONCRETE)
		POND
		POWER POLE
		PROPERTY LINE (EXTERNAL)
		RETAINING WALL
		RIGHT-OF-WAY
		SANITARY SEWER MANHOLE
		SANITARY SEWER PIPE
		SANITARY SEWER SERVICE
		SECTION LINE
		SIDEWALK
		SIGN
		SPOT ELEVATION
		STABILIZED CONSTRUCTION ENT.
		STORM SEWER INLET
		STORM SEWER PIPE
		STRIPES (PAINTED OR STICKY)
		TELEPHONE PED/MANHOLE
		TELEPHONE (UNDERGROUND)
		TELEPHONE (OVERHEAD)
		TREE LINE CANOPY
		TREE/TREE TO BE REMOVED
		WATER MAIN BLOWOFF VALVE
		WATER MAIN FIRE DEPT. CONN.
		WATER MAIN PIPE
		WATER MAIN REDUCER
		WATER MAIN THRUST BLOCK
		WATER METER
		WATER METER (IRRIGATION)
		WATER VALVE

PROJECT NO 12-007

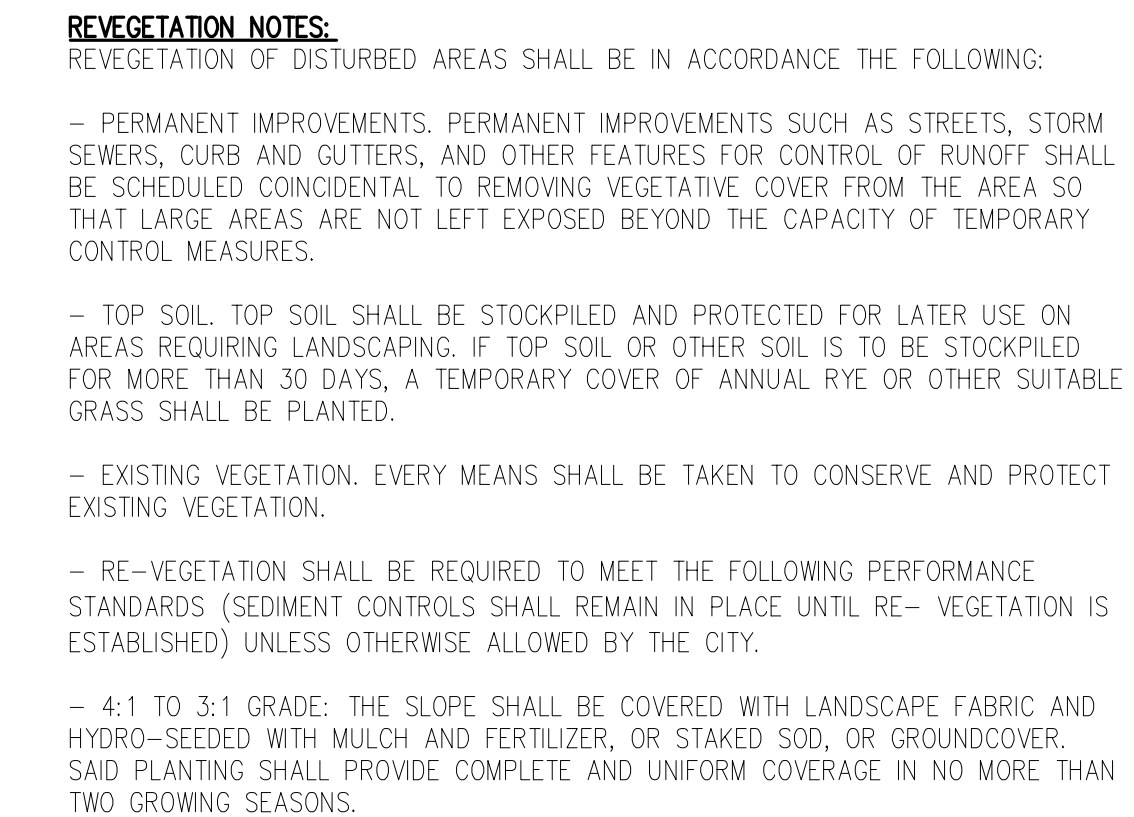
DRAWING NO

02

JEFFRIES EYE CLINIC
LARGE SCALE DEVELOPMENT PLANS
SITE AND UTILITY PLAN
ROGERS, ARKANSAS

Bates & Associates, Inc.
Civil Engineering & Surveying
91 W. Colt Square Dr. - Fayetteville, Arkansas 72703 - 479.442.9350 - Fax 479.521.9350
www.batesandassociates.com

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
BATES & ASSOCIATES, INC.
#1335
ENGINEER G. Bates
DRAWN BY: J. Young
Copyright © 2015 Bates & Associates, Inc.



REVEGETATION NOTES:

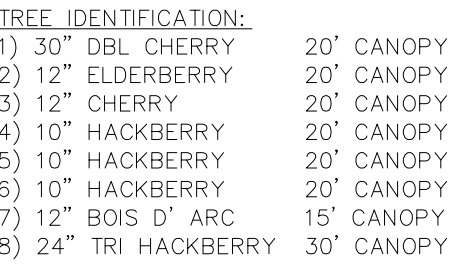
REVEGETATION OF DISTURBED AREAS SHALL BE IN ACCORDANCE THE FOLLOWING:

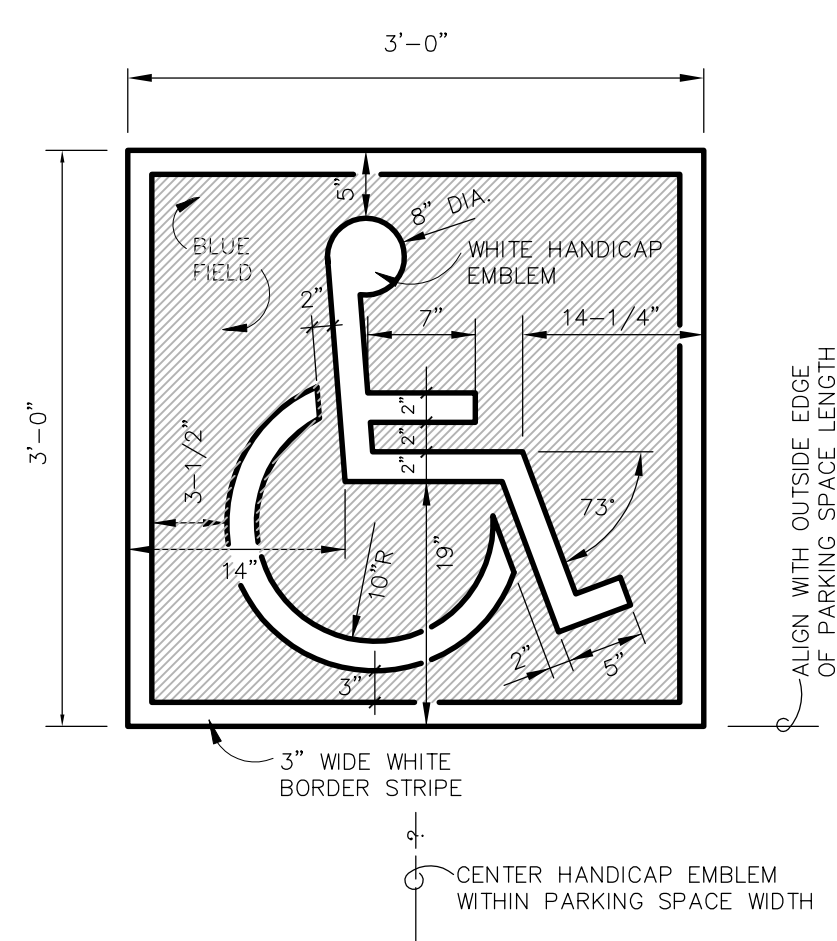
- PERMANENT IMPROVEMENTS. PERMANENT IMPROVEMENTS SUCH AS STREETS, STORM SEWERS, CURB AND GUTTERS, AND OTHER FEATURES FOR CONTROL OF RUNOFF SHALL BE PROVIDED PERMANENTLY TO REMOVING VEGETATIVE COVER FROM THE AREA SO THAT LARGE AREAS ARE NOT LEFT EXPOSED BEYOND THE CAPACITY OF TEMPORARY CONTROL MEASURES.
- TOP SOIL. TOP SOIL SHALL BE STOCKPILED AND PROTECTED FOR LATER USE ON AREAS REQUIRING LANDSCAPING. IF TOP SOIL OR OTHER SOIL IS TO BE STOCKPILED FOR MORE THAN 30 DAYS, A TEMPORARY COVER OF ANNUAL RYE OR OTHER SUITABLE GRASS SHALL BE PLANTED.
- EXISTING VEGETATION. EVERY MEANS SHALL BE TAKEN TO CONSERVE AND PROTECT EXISTING VEGETATION.
- RE-VEGETATION SHALL BE REQUIRED TO MEET THE FOLLOWING PERFORMANCE STANDARDS (SEDIMENT CONTROLS SHALL REMAIN IN PLACE UNTIL RE- VEGETATION IS ESTABLISHED) UNLESS OTHERWISE ALLOWED BY THE CITY.
- 4:1 TO 3:1 GRADE: THE SLOPE SHALL BE COVERED WITH LANDSCAPE FABRIC AND HYDRO-SEEDED WITH MULCH AND FERTILIZER, OR STAKED SOD, OR GROUND COVER. SAID PLANTING SHALL PROVIDE COMPLETE AND UNIFORM COVERAGE IN NO MORE THAN TWO GROWING SEASONS.

DRAWING NO
03

PROJECT NO
12-007

TREE PLANTING DETAIL
N.T.S.





TOTAL NUMBER OF PARKING SPACES PROVIDED (PER LOT)	TOTAL MINIMUM NUMBER OF ACCESSIBLE PARKING SPACES (60' & 96' AISLES)	VAN ACCESSIBLE PARKING SPACES WITH MIN. 96" WIDE ACCESS AISLE
1 TO 25	1	1
26 TO 50	2	1
51 TO 75	3	1
76 TO 100	4	1
101 TO 150	5	1
151 TO 200	6	1
201 TO 300	7	1
301 TO 400	8	1
401 TO 500	9	2
501 TO 1000	2% OF TOTAL PARKING PROVIDED IN EACH LOT	1/8 OF COLUMN A*
1001 AND OVER	20 PLUS 1 FOR EACH 100 OVER 1000	1/8 OF COLUMN A*

* ONE OUT OF EVERY 8 ACCESSIBLE SPACES

The drawing illustrates the construction of a ramp with a detectable warning surface. The perspective view shows a ramp with a 12:1 maximum slope and a 50:1 maximum slope. A 6'-0" wide curb is constructed along the entire length of the ramp. A 2' in depth area is textured with detectable warning domes. The pattern plan shows a grid of 16 circles (4x4) with a center-to-center spacing of 10" and a diameter of 2.35". Section A-A shows a cross-section of a dome with a 0.9" diameter and a height of 0.2".

PATTERN PLAN

SECTION A-A

6'-0"

5'-0"

6'-0"

CONSTRUCT 6" WIDE FULL-HEIGHT CURB ENTIRE LENGTH OF RAMP

6"

12:1 MAXIMUM SLOPE

50:1 MAX. SLOPE

2' IN DEPTH AREA TO BE TEXTURED WITH DETECTABLE WARNING DOMES. TYPICAL FOR ALL HANDICAP RAMPS, SEE ADA STANDARDS CHA. 4

10"

2.35"

0.9" DIA.

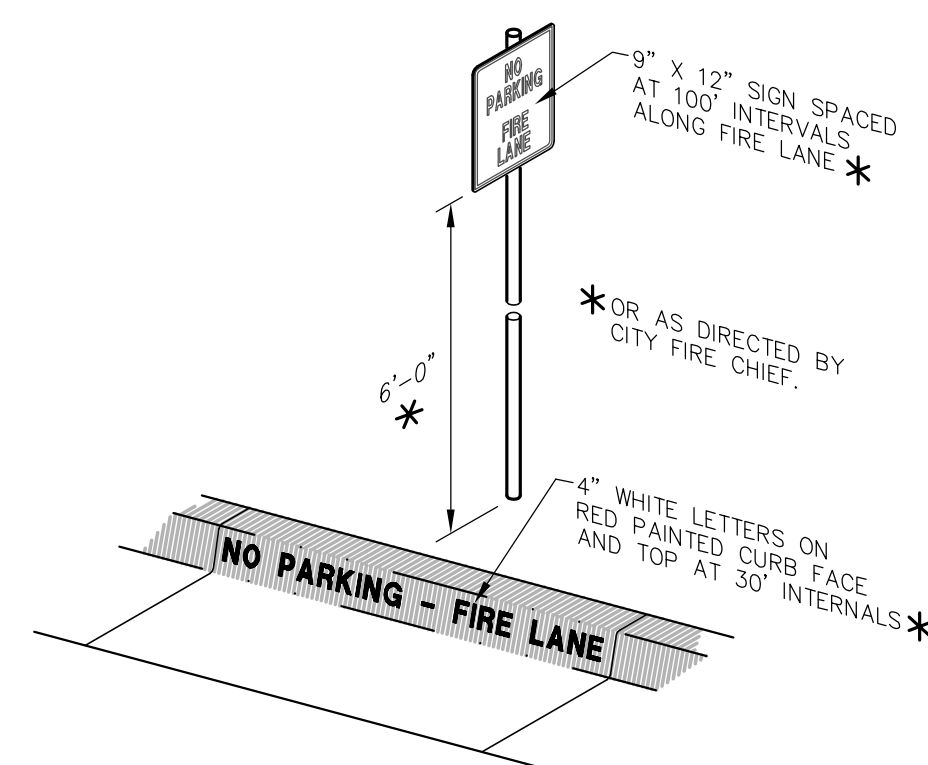
0.2"

Diagram illustrating a 19' MIN. wide sidewalk layout with various accessibility features and dimensions:

- Handicap Sign:** Located on the sidewalk.
- Handicap Ramp Area (See Detail):** A section of the sidewalk with a raised surface and tactile paving.
- Typical Wheel Stop (See Detail):** A rectangular stop for wheelchairs.
- 2' MIN.:** Dimension for the width of the wheel stop area.
- Handicap Pavement Emblem:** A square emblem with a wheelchair symbol.
- 4" Yellow Traffic Paint - See Specs:** Painted lines defining the wheelchair stop area.
- 19' MIN. SEE SITE PLAN:** Overall width of the sidewalk.
- Dimensions:**
 - 9' (between first and second vertical lines)
 - 8' (between second and third vertical lines)
 - 8' MIN. (between third and fourth vertical lines)
 - 8' (between fourth and fifth vertical lines)
 - 9' (between fifth and sixth vertical lines)
 - 9' (between sixth and seventh vertical lines)

TYP. PARKING STRIPING LAYOUT
N.T.S.

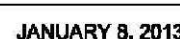
- ## NOTES:
1. DETECTABLE WARNING DOMES TO BE LIMITED TO RAMP SURFACES ONLY.
 2. DETECTABLE WARNING DOME MATERIAL SHALL BE AN INTEGRAL PART OF WALKING SURFACE.
 3. DETECTABLE WARNING SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES (LIGHT-ON-DARK OR DARK-ON-LIGHT)
 4. USE NEENAH DETECTABLE WARNING PLAT R-4984 OR EQUAL. WWW.NFCO.COM
 5. TYPICAL SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% MAXIMUM.
 6. HANDICAP RAMPS WILL BE CONSTRUCTED ALONG WITH STREETS.
 7. DETECTABLE WARNING DOMES SHALL CONSIST OF TRUNCATED DOMES.
 8. THE LENGTH OF THE RAMP SHALL BE SUCH THAT THE SLOPE DOES NOT EXCEED 12:1.
 9. THE NORMAL GUTTER SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP.
 10. THE MINIMUM THICKNESS FOR THE RAMP, WALK, & LANDING SHALL BE 4".
 11. 2' OF RAMP TO BE TEXTURED W/ DETECTABLE WARNING DOMES. TYPICAL FOR ALL HANDICAP RAMPS, SEE ADA STANDARDS 4.7.7



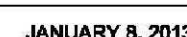
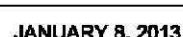
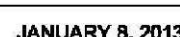
TYP. FIRE LANE STRIPING
N.T.S.

[illegible]

JEFFRIES EYE CLINIC
LARGE SCALE DEVELOPMENT PLANS
SITE DETAILS
ROGERS, ARKANSAS

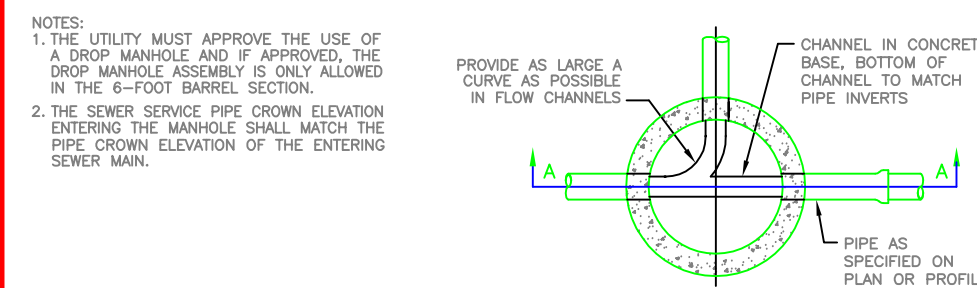


ROGERS, ARKANSAS



SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

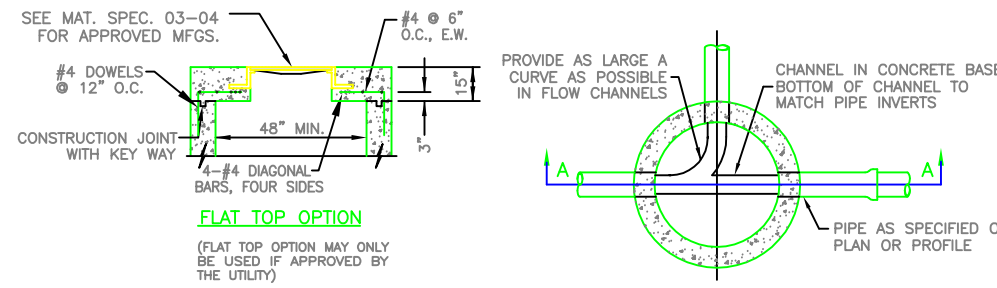
- NOTES:
1. A MANHOLE BARREL CONSTRUCTION JOINT IS ALLOWED WITHIN A STRAIGHT WALL SEGMENT OF THE BARREL AT 12-FOOT ABOVE THE MANHOLE BASE AND SHALL HAVE A KEY WAY AND #4 REBAR AT 12-INCH ON CENTERS WITH 15° EMBEDED. A WATER STOP SHALL BE USED IF DIRECTED BY THE UTILITY.
 2. THE BASE AND WALLS SHALL BE POURED MONOLITHICALLY.
 3. THE CENTERLINE OF ALL PIPES ENTERING AND LEAVING MANHOLE SHALL PASS THROUGH THE CENTER OF THE MANHOLE.
 4. MANHOLES THAT ARE LESS THAN 12'-6" IN DEPTH SHALL BE INDIVIDUALLY DESIGNED PER LOCATION CONDITIONS AND MUST BE APPROVED BY THE UTILITY.
 5. POUR OUTSIDE MANHOLE BASE SO THAT THE TOP OF OUTSIDE BASE IS EVEN OR 2-INCH ABOVE THE CROWN OF THE PIPES ENTERING THE MANHOLE BASE. EXTEND MANHOLE BASE AND SHALL HAVE A KEY WAY AND #4 REBAR AT 12-INCH ON CENTERS WITH 15° EMBEDED. A WATER STOP SHALL BE USED IF DIRECTED BY THE UTILITY.
 6. CONSTRUCT FLOW CHANNEL FOR ALL PIPES ENTERING MANHOLE, INCLUDING SERVICES. SLOPE CHANNELS TO MATCH PIPE INVERTS.
 7. THE TOP OF MANHOLE TO BE LEVEL WITH FINISHED GRADE UNLESS OTHERWISE NOTED OR DIRECTED BY THE UTILITY.
 8. BRUSH FRESH SURFACES OF CONCRETE AND REMOVE ALL SHARP EDGES.



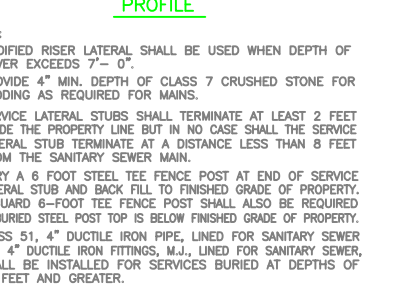
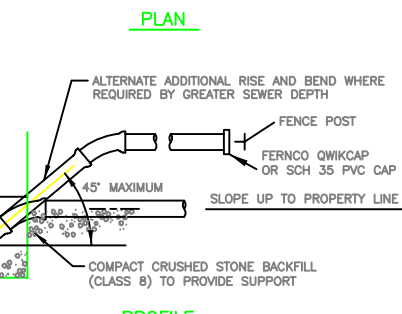
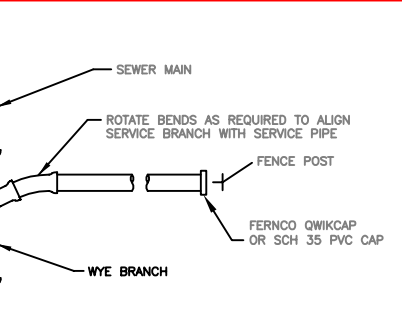
6 FT. CAST-IN-PLACE SANITARY SEWER MANHOLE DETAIL

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

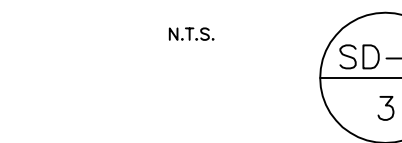
- NOTES:
1. A MANHOLE BARREL CONSTRUCTION JOINT IS ALLOWED WITHIN A STRAIGHT WALL SEGMENT OF THE BARREL AT 12-FOOT ABOVE THE MANHOLE BASE AND SHALL HAVE A KEY WAY AND #4 REBAR AT 12-INCH ON CENTERS WITH 15° EMBEDED. A WATER STOP SHALL BE USED IF DIRECTED BY THE UTILITY.
 2. THE BASE AND WALLS SHALL BE POURED MONOLITHICALLY.
 3. THE CENTERLINE OF ALL PIPES ENTERING AND LEAVING MANHOLE SHALL PASS THROUGH THE CENTER OF THE MANHOLE.
 4. MANHOLES THAT ARE LESS THAN 6-FOOT IN DEPTH SHALL BE INDIVIDUALLY DESIGNED PER LOCATION CONDITIONS AND MUST BE APPROVED BY THE UTILITY.
 5. POUR OUTSIDE MANHOLE BASE SO THAT THE TOP OF OUTSIDE BASE IS EVEN OR 2-INCH ABOVE THE CROWN OF THE PIPES ENTERING THE MANHOLE BASE. EXTEND MANHOLE BASE AND SHALL HAVE A KEY WAY AND #4 REBAR AT 12-INCH ON CENTERS WITH 15° EMBEDED. A WATER STOP SHALL BE USED IF DIRECTED BY THE UTILITY.
 6. CONSTRUCT FLOW CHANNEL FOR ALL PIPES ENTERING MANHOLE, INCLUDING SERVICES. SLOPE CHANNELS TO MATCH PIPE INVERTS.
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 8. BRUSH FRESH SURFACES OF CONCRETE AND REMOVE ALL SHARP EDGES.



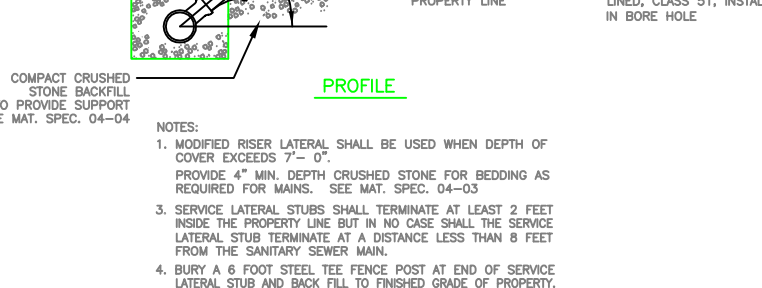
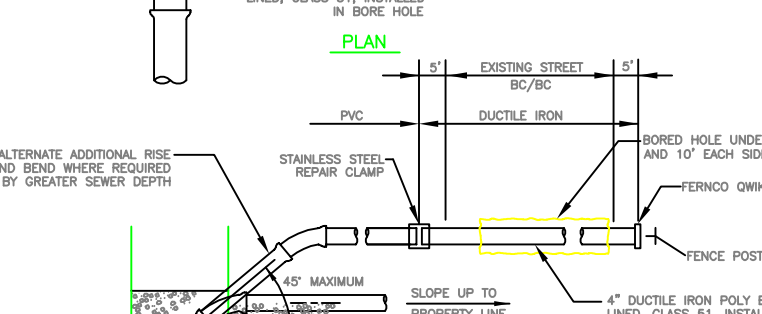
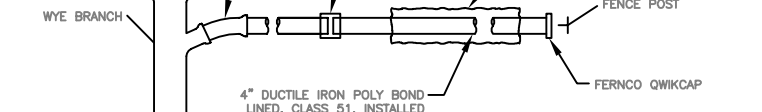
4 FT. CAST-IN-PLACE SANITARY SEWER MANHOLE DETAIL



STANDARD SEWER SERVICE LATERAL



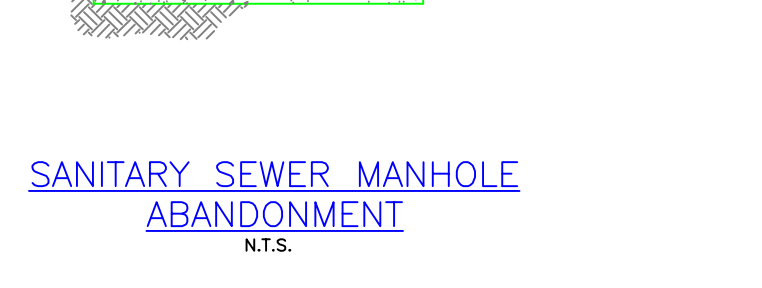
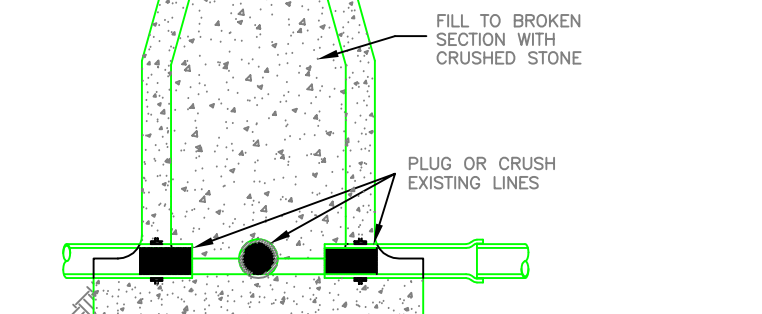
SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



BORED SEWER SERVICE LATERAL UNDER EXISTING STREET



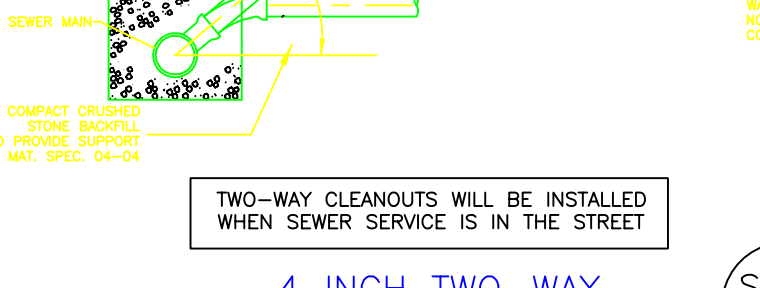
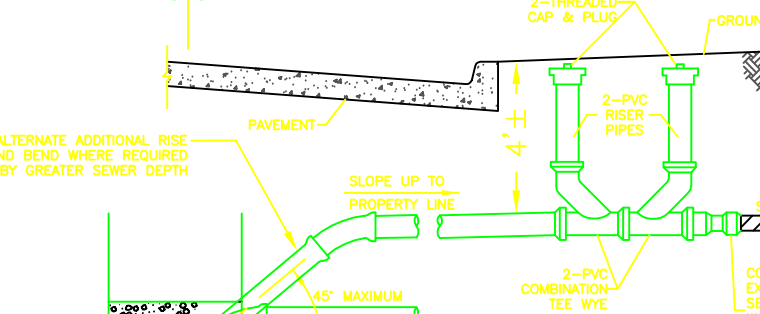
SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



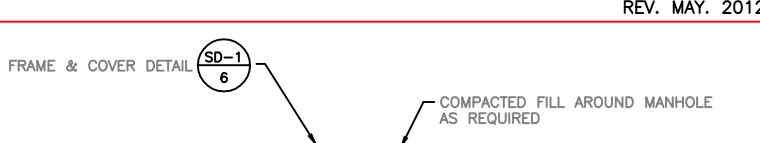
SANITARY SEWER MANHOLE ABANDONMENT



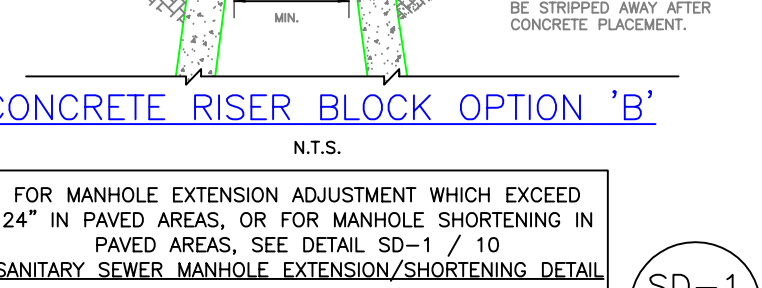
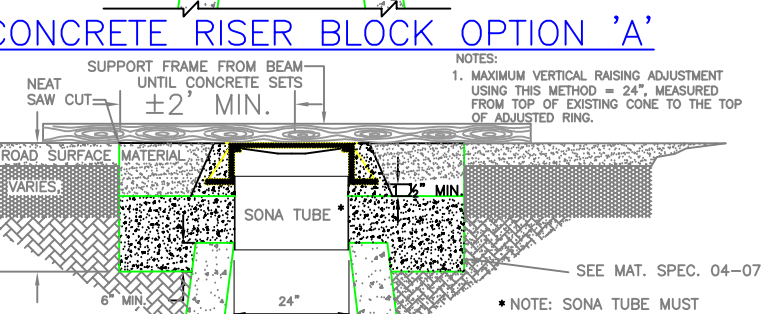
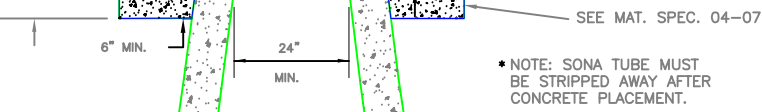
SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



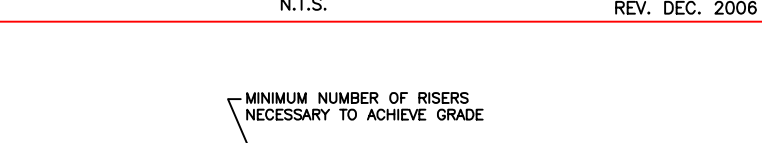
TWO-WAY CLEANOUTS WILL BE INSTALLED WHEN SERVICE IS IN THE STREET



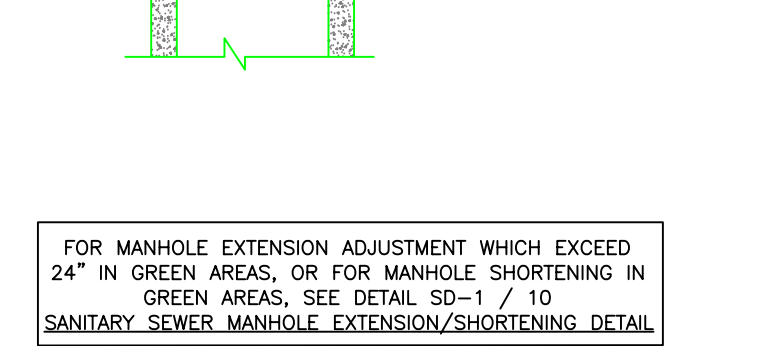
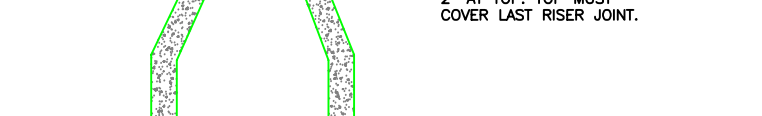
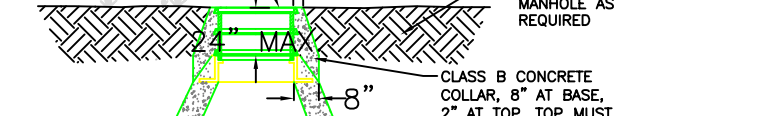
SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



CONCRETE RISER BLOCK OPTION 'A'



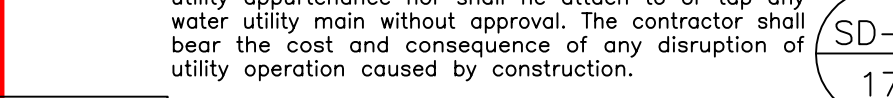
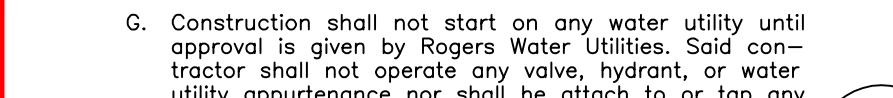
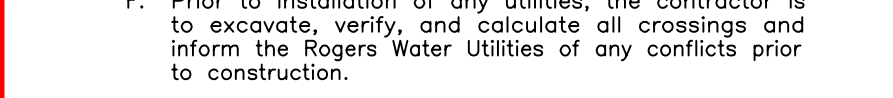
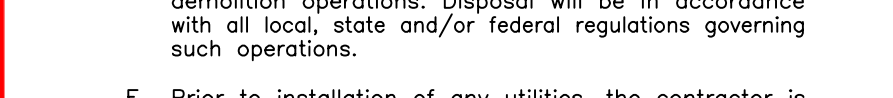
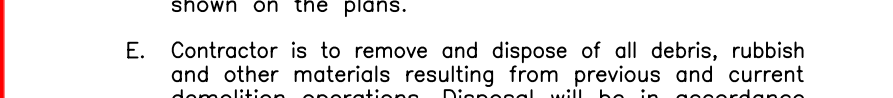
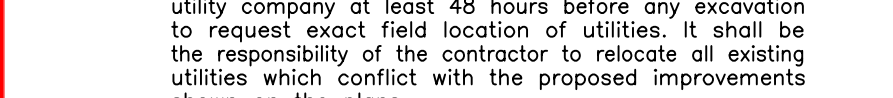
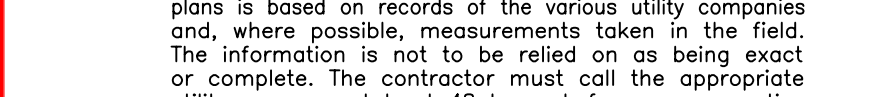
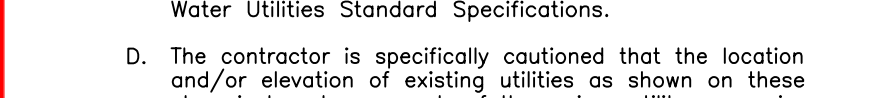
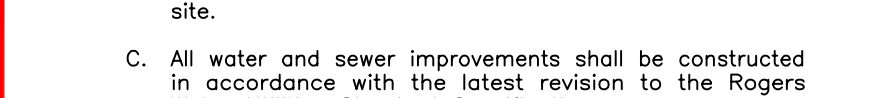
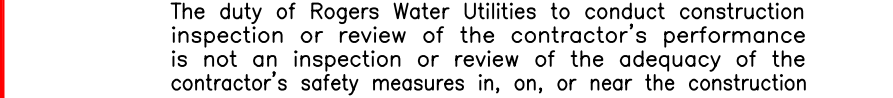
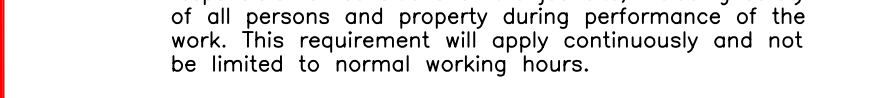
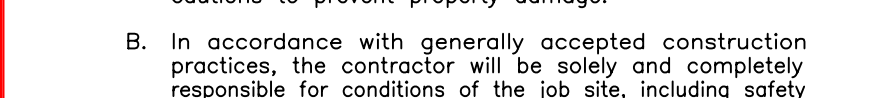
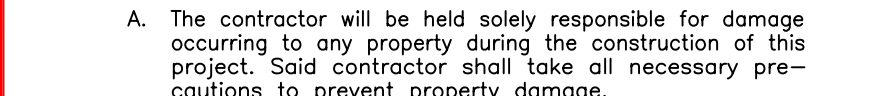
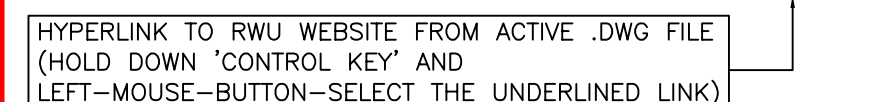
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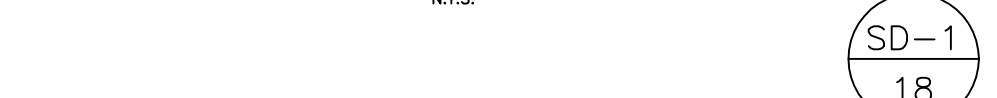
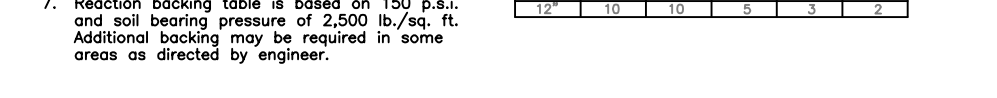
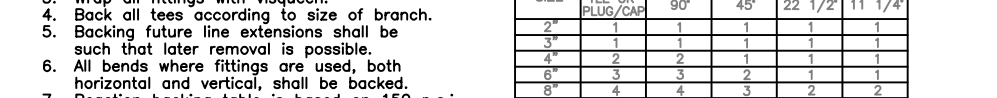
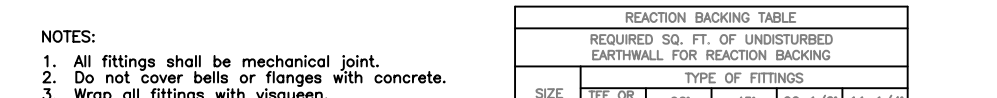
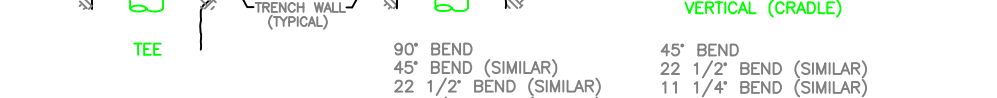
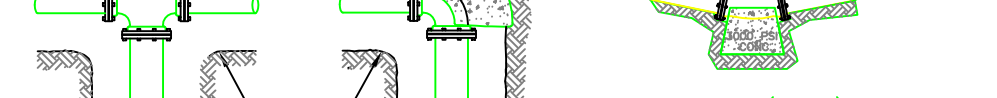
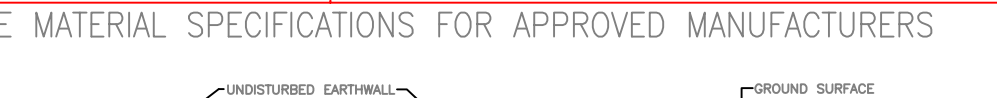
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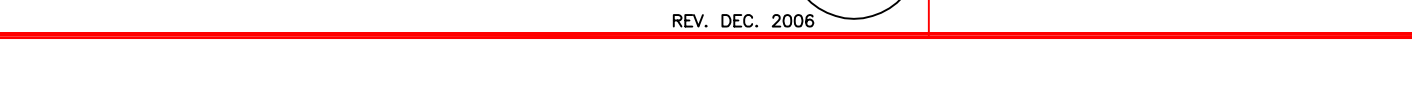
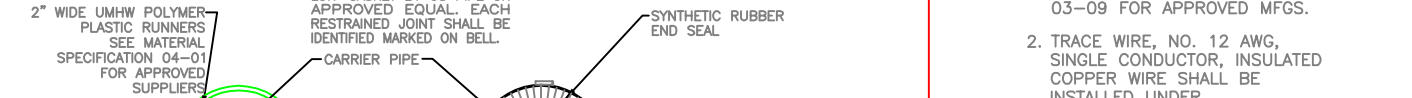
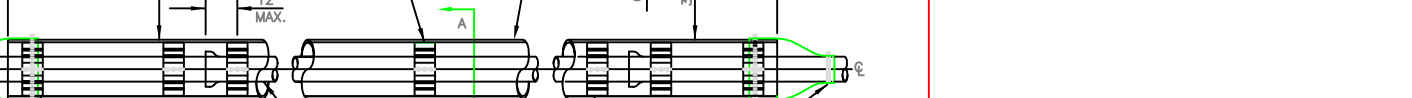
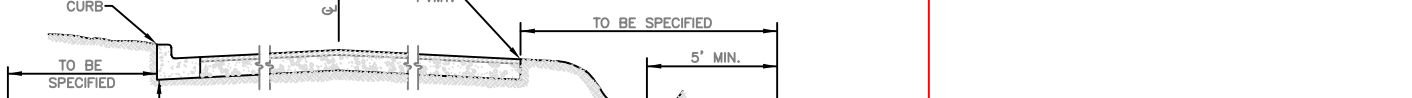
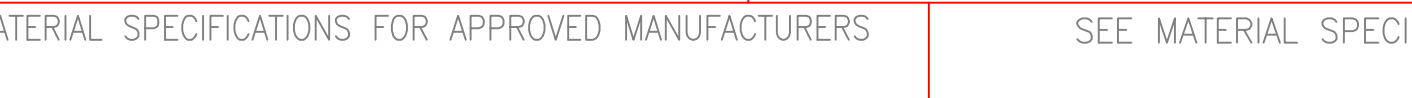
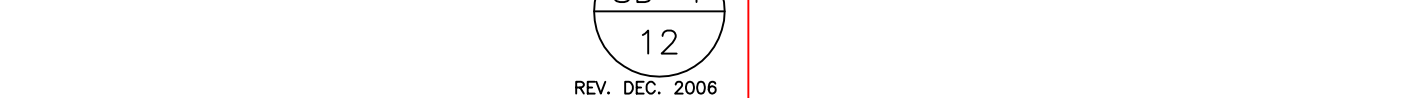
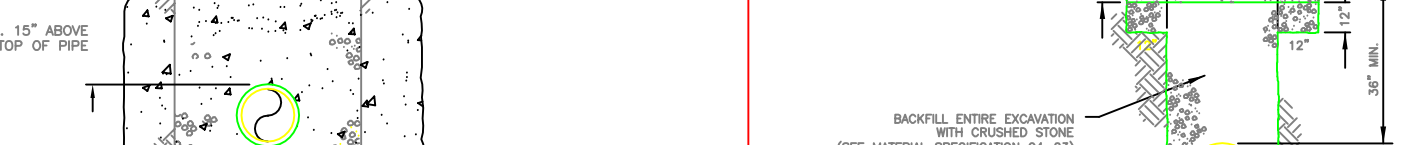
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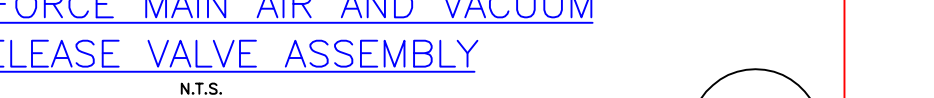
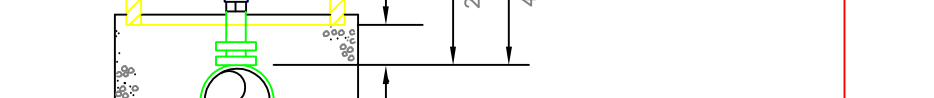
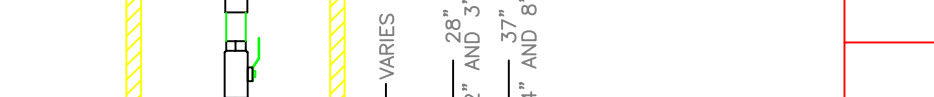
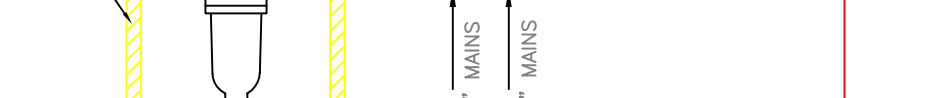
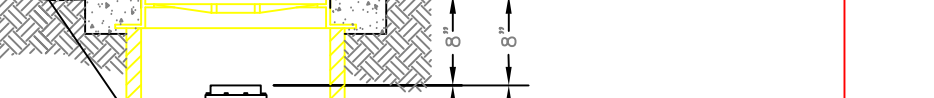
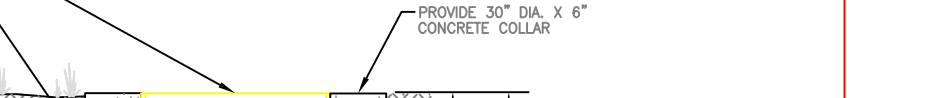
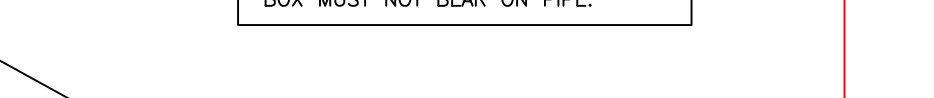
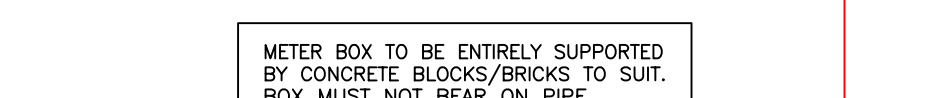
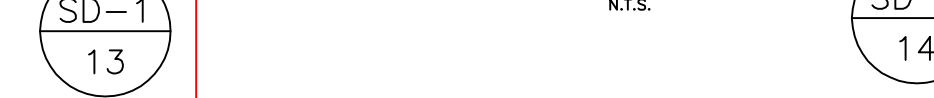
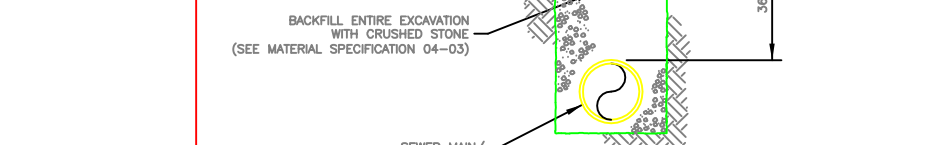
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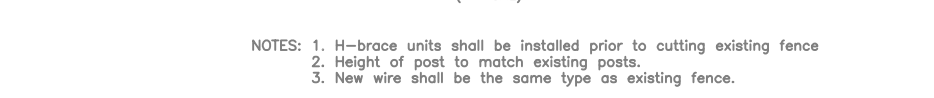
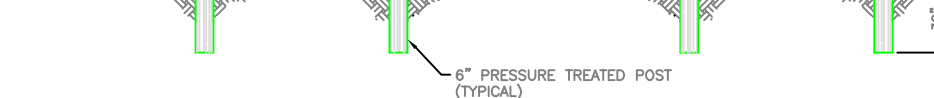
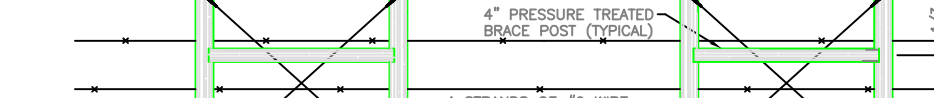
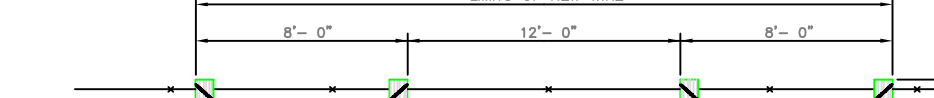
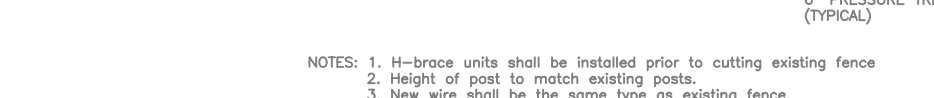
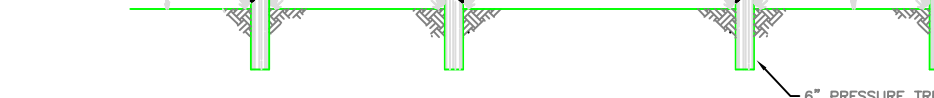
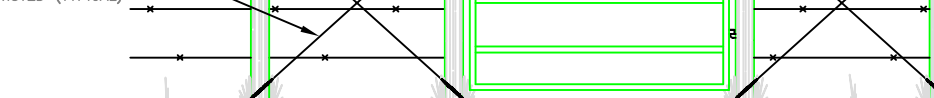
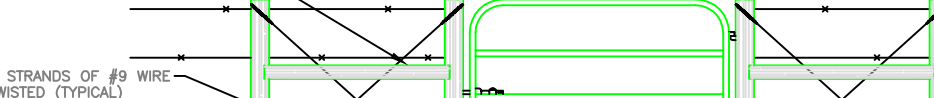
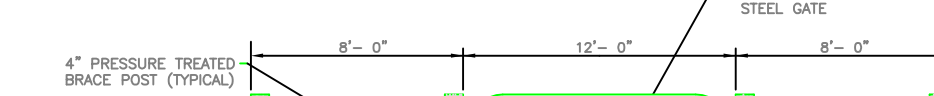
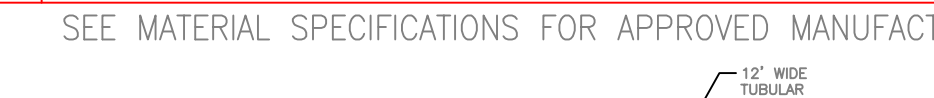
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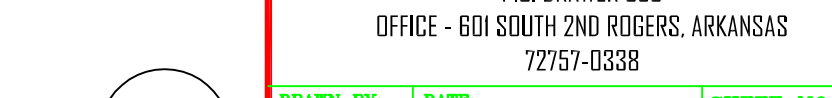
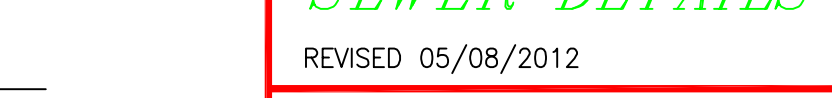
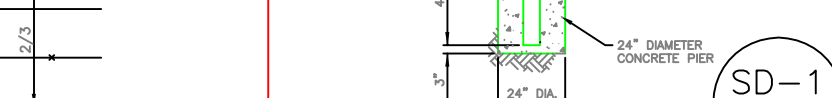
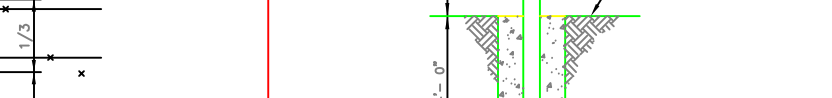
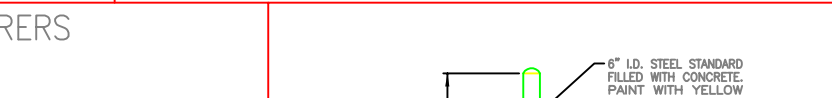
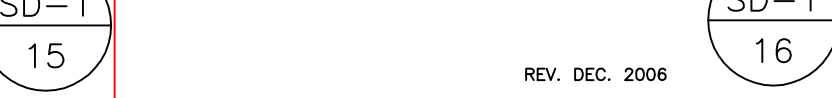
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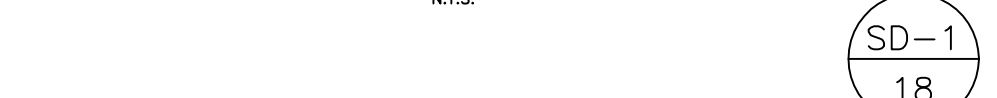
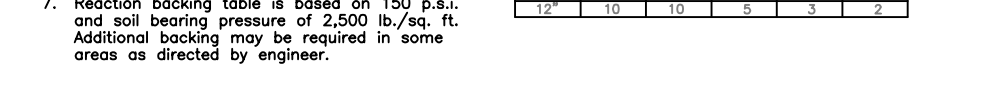
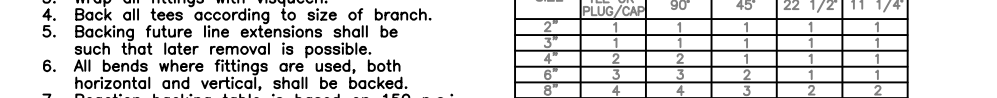
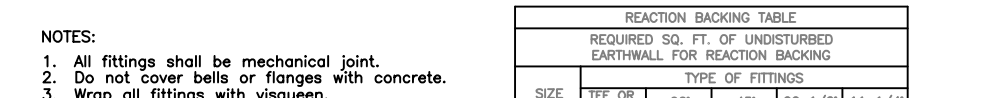
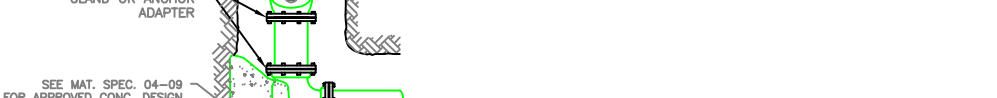
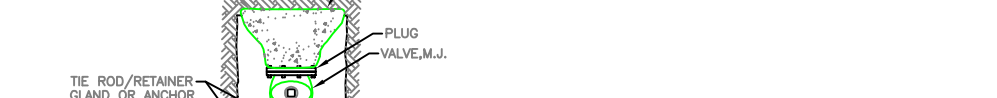
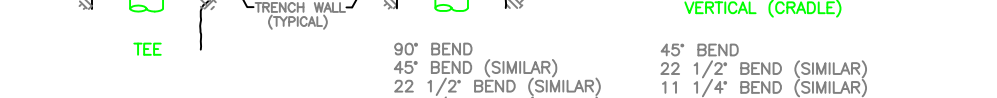
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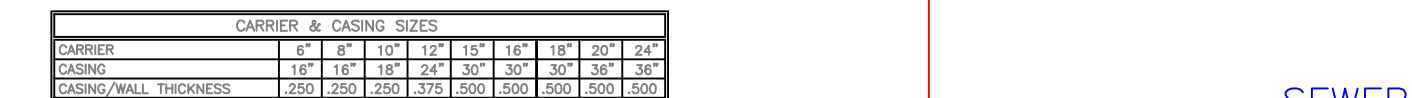
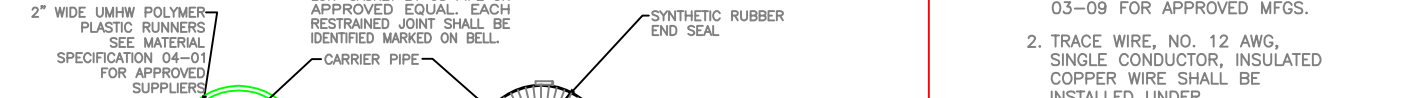
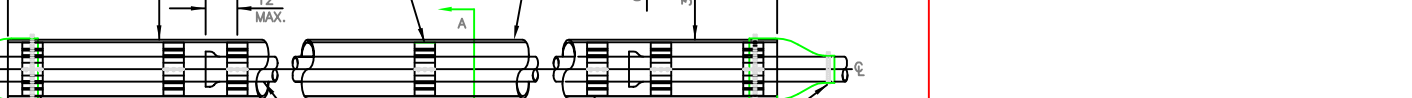
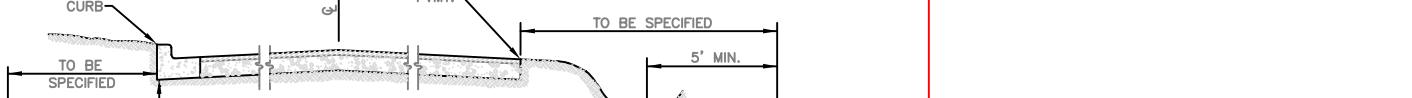
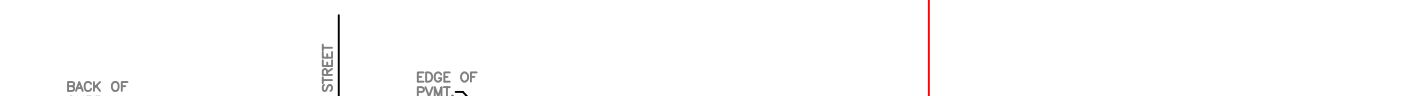
GENERAL CONSTRUCTION NOTES:

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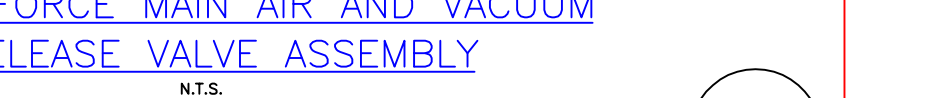
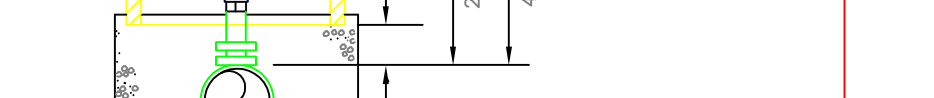
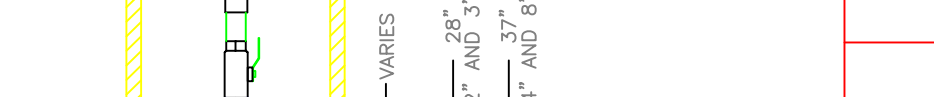
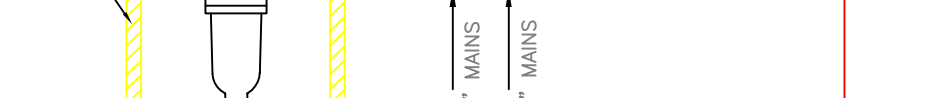
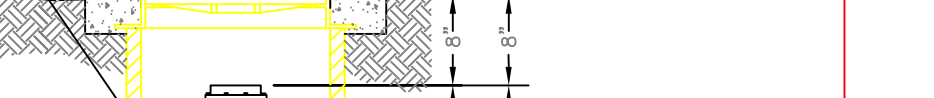
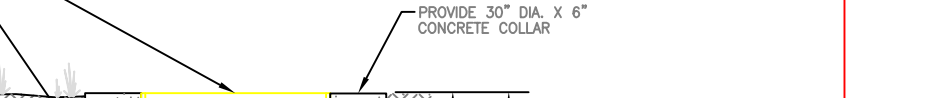
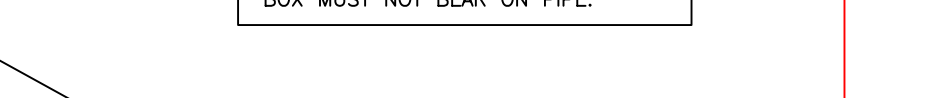
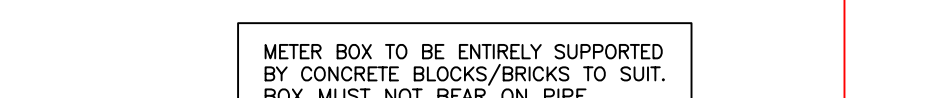
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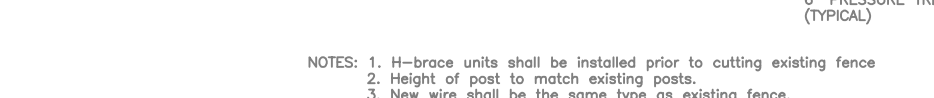
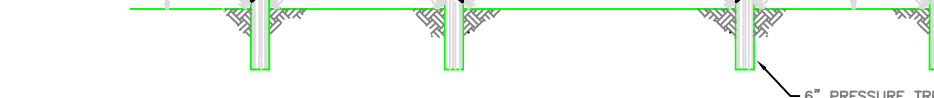
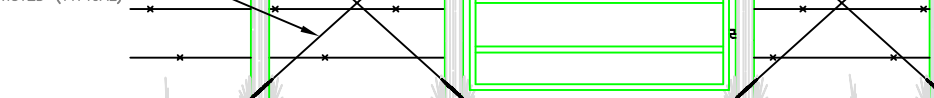
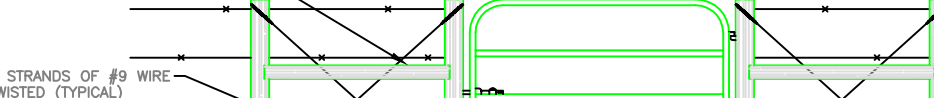
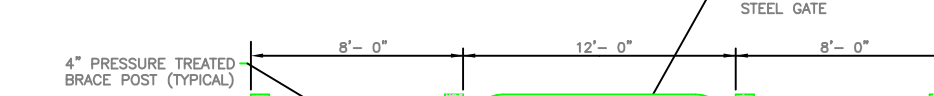
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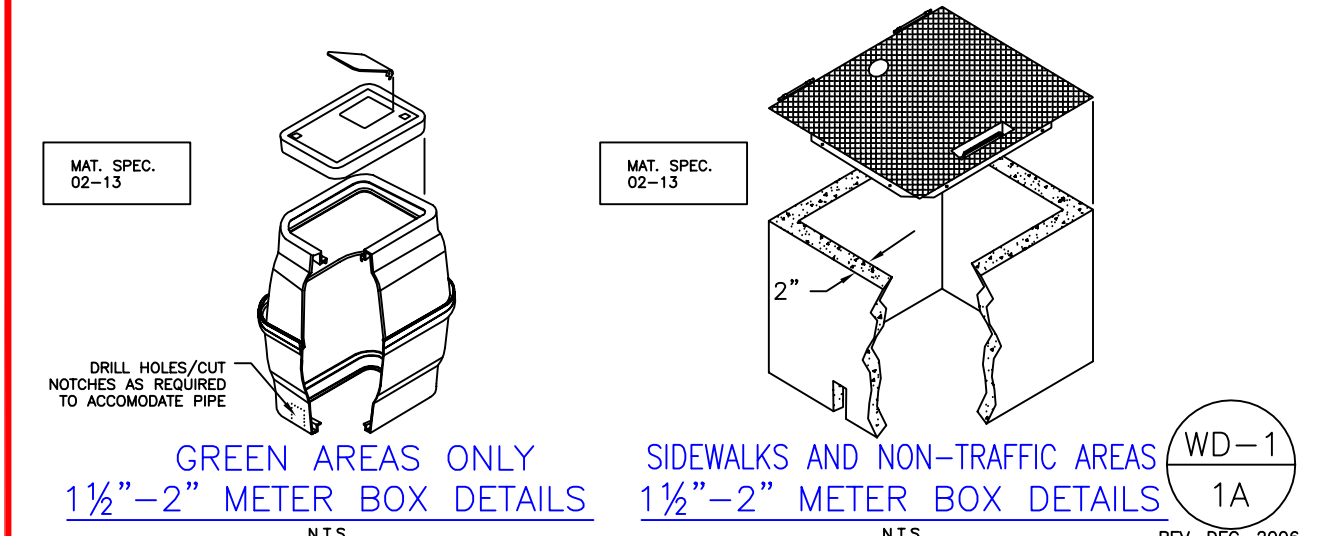
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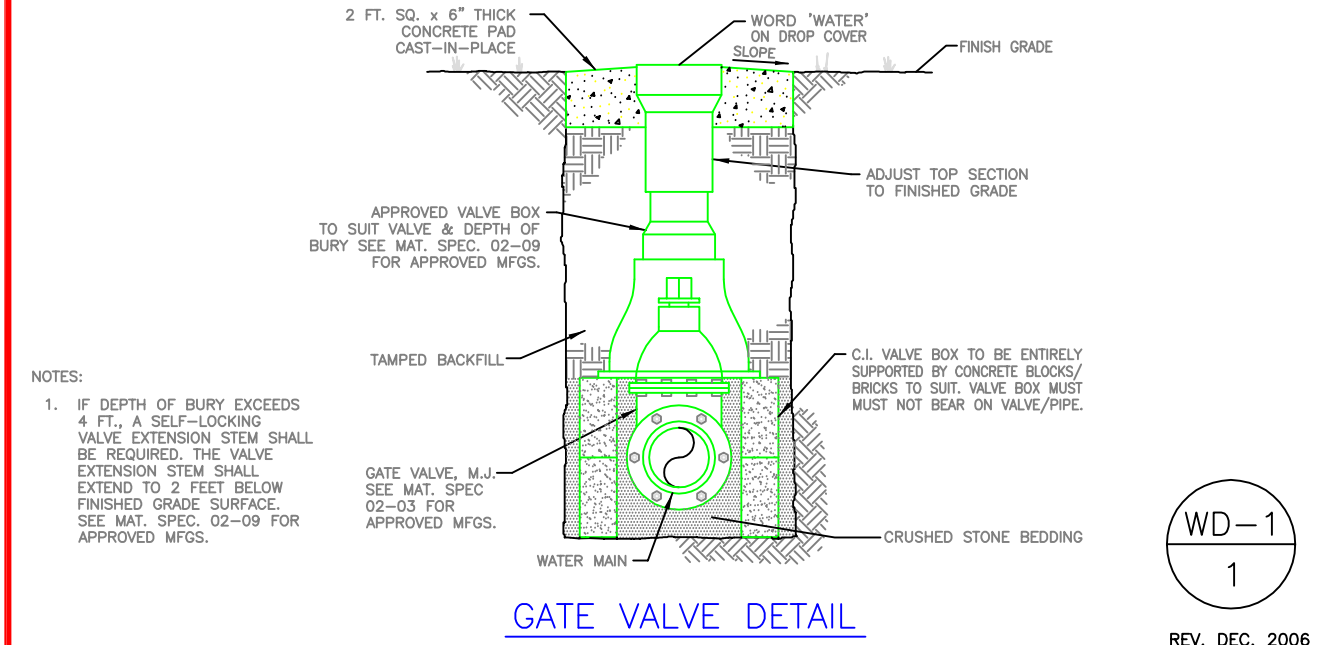
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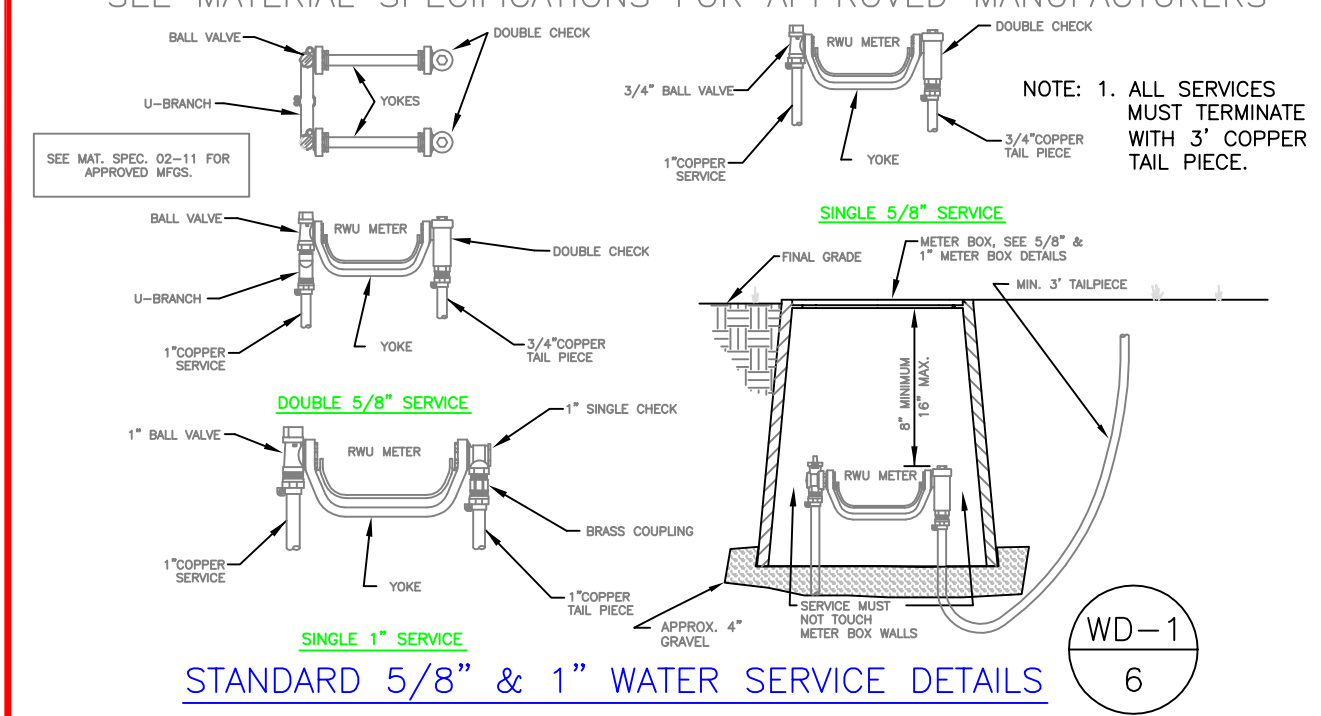
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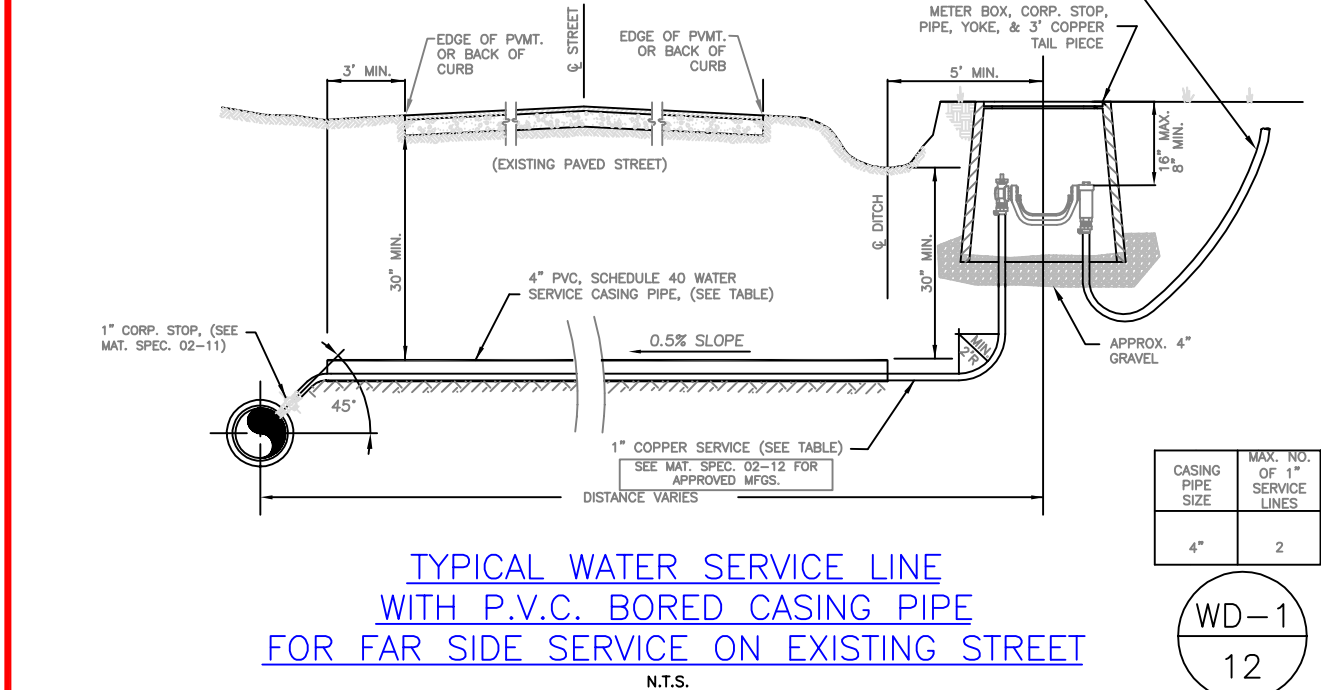
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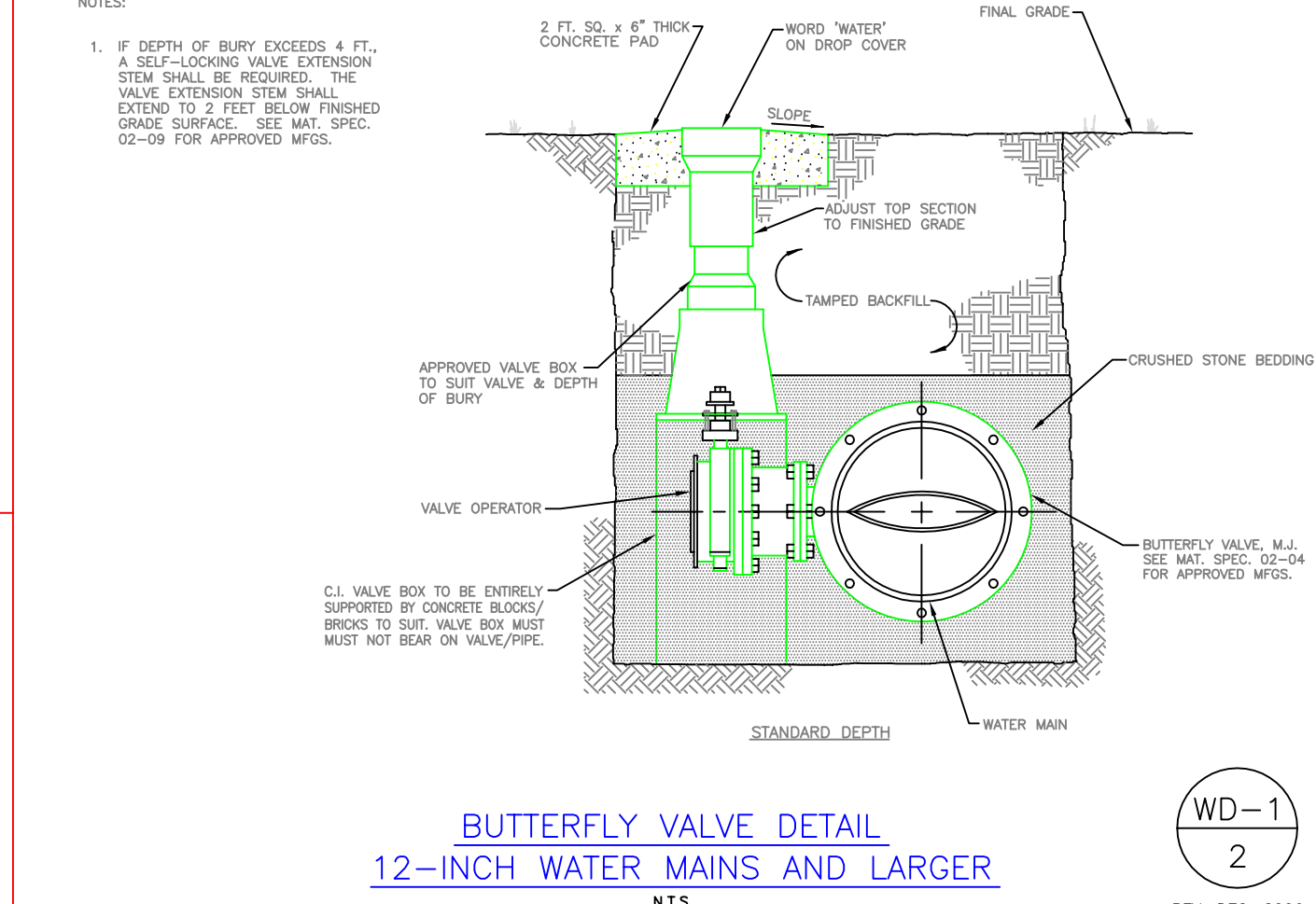


GENERAL CONSTRUCTION NOTES:

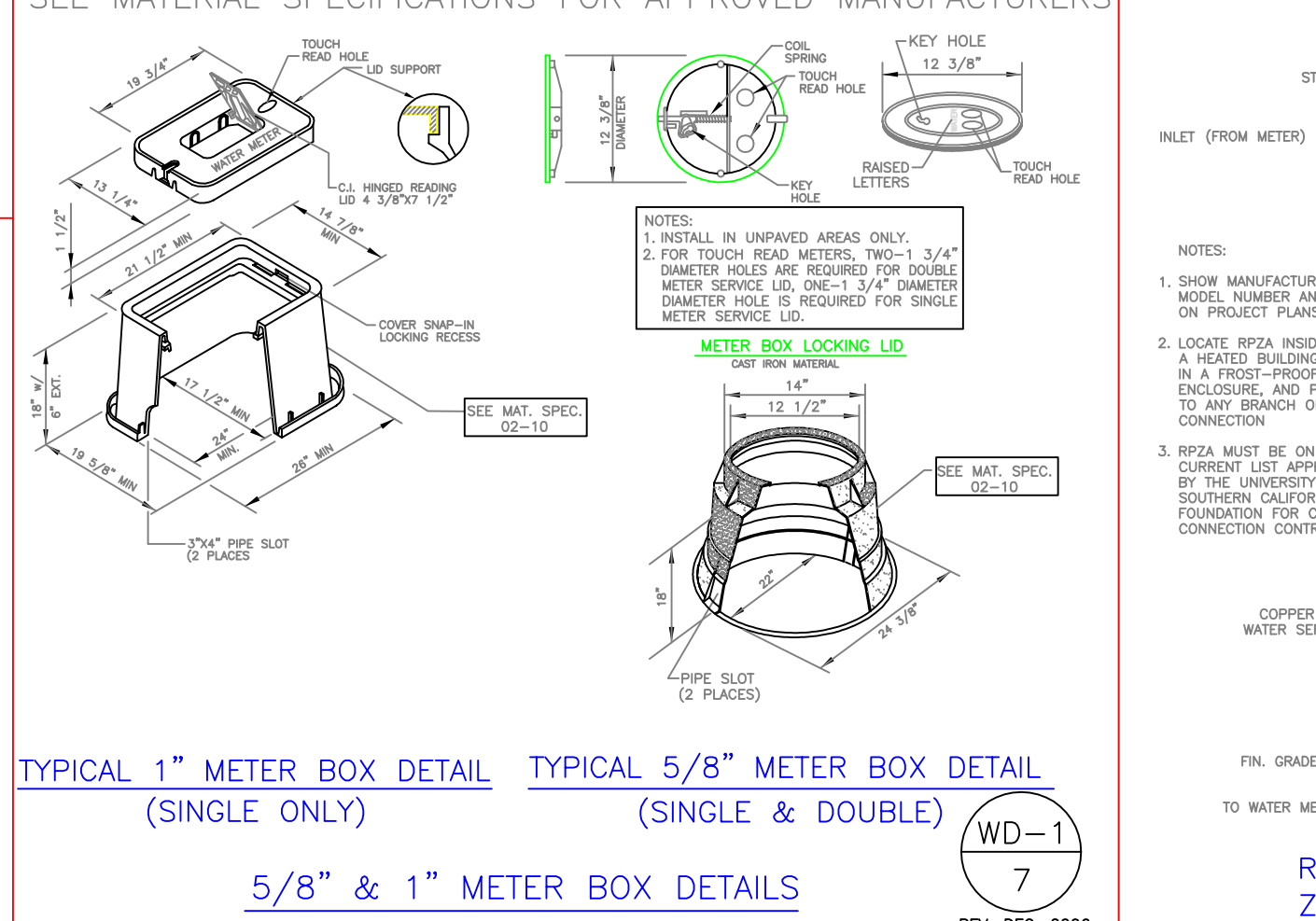
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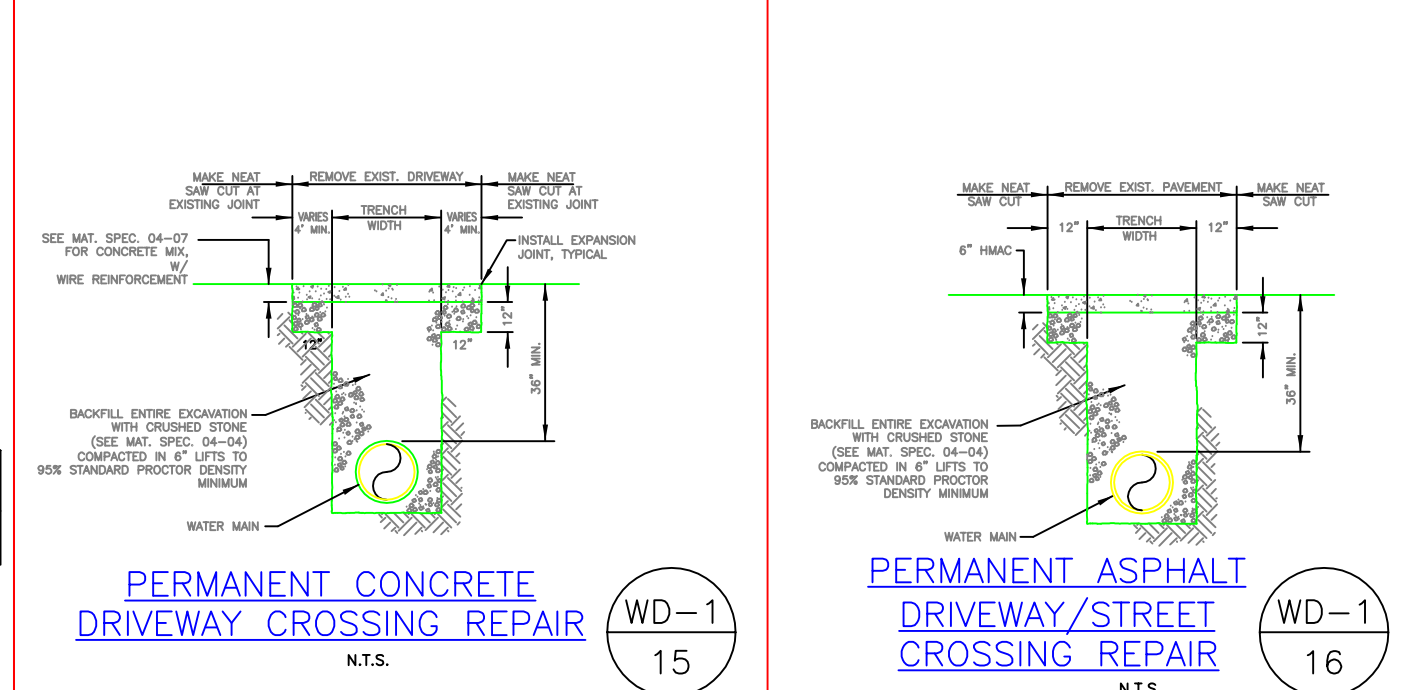
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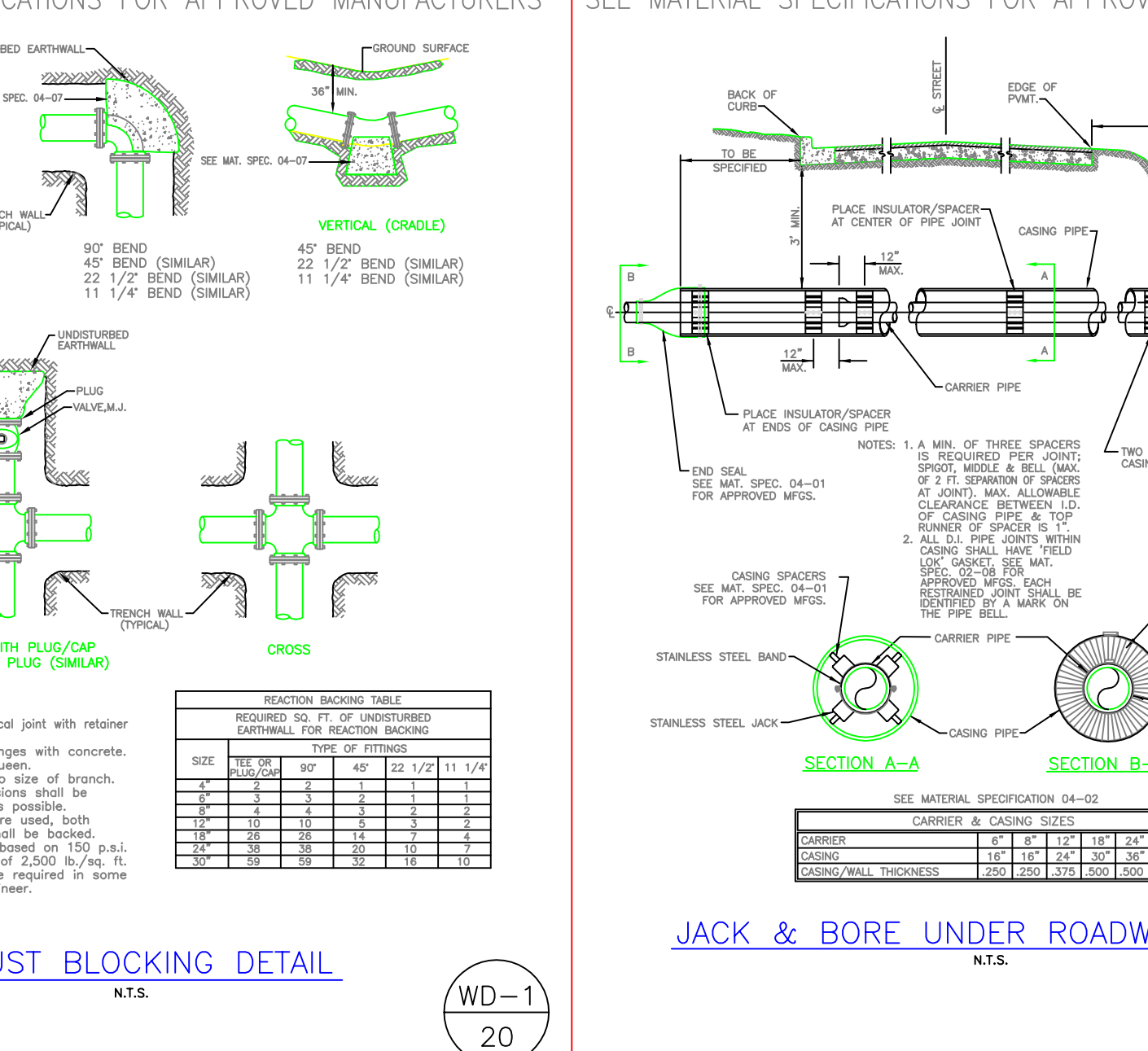
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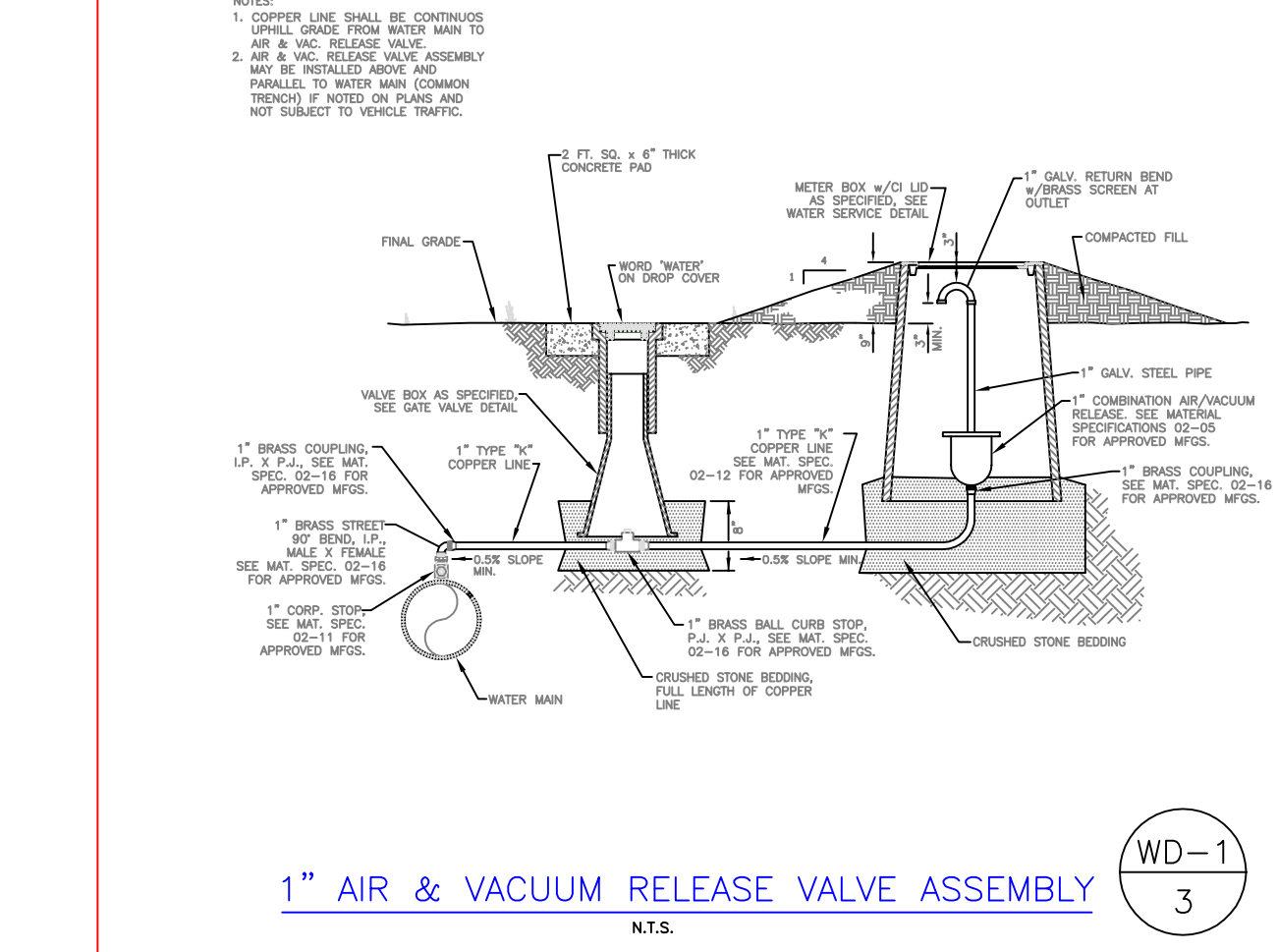


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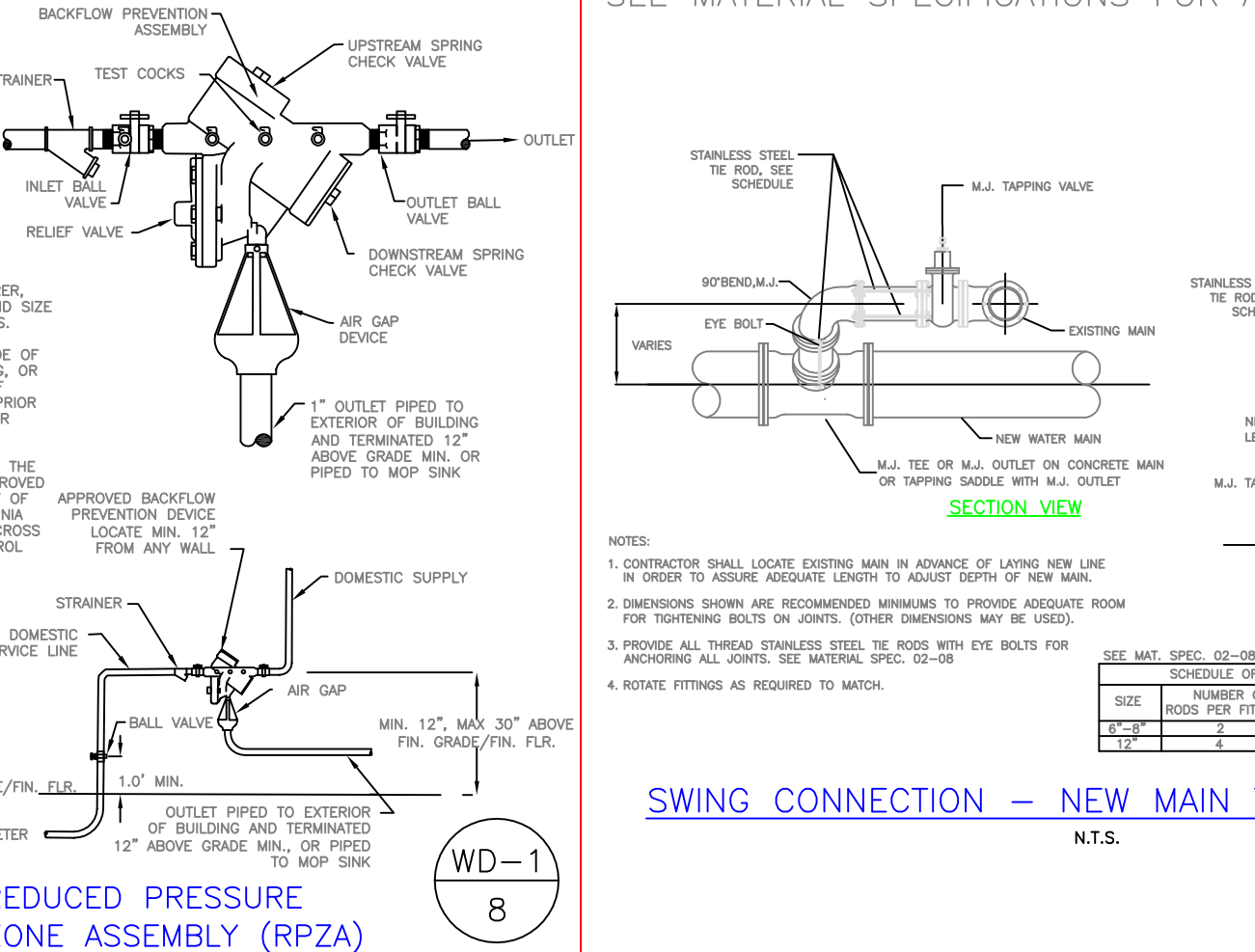


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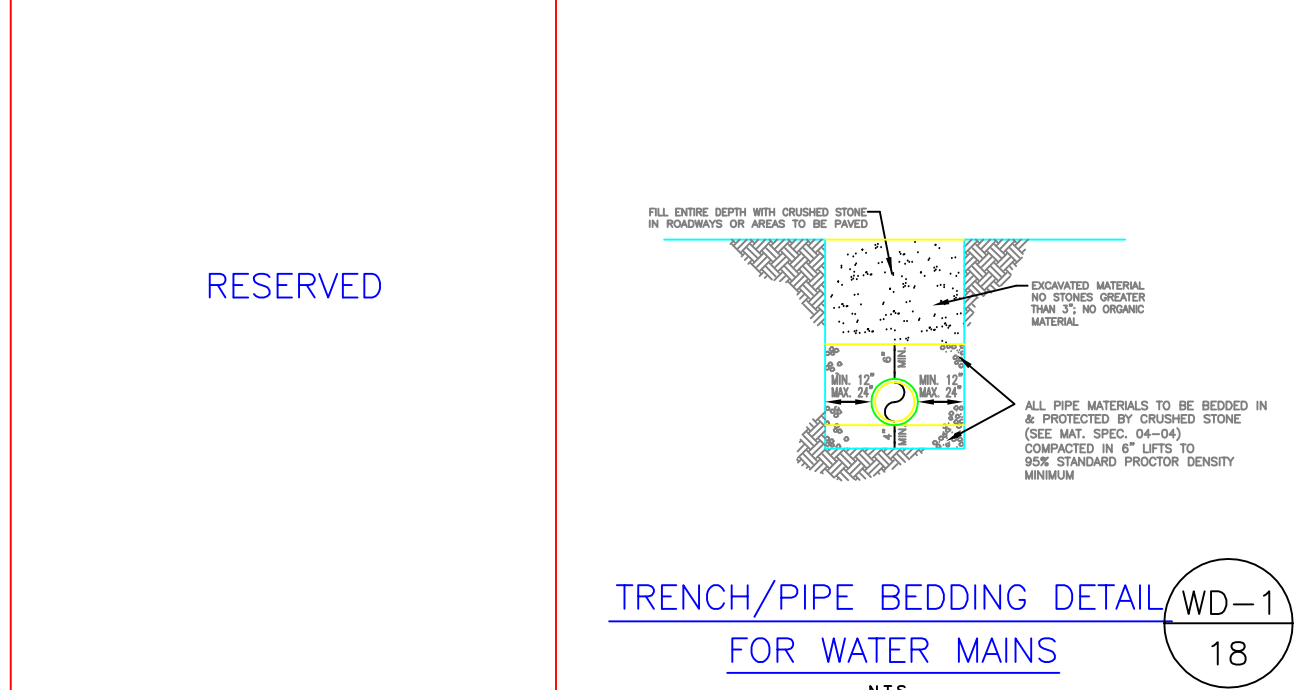
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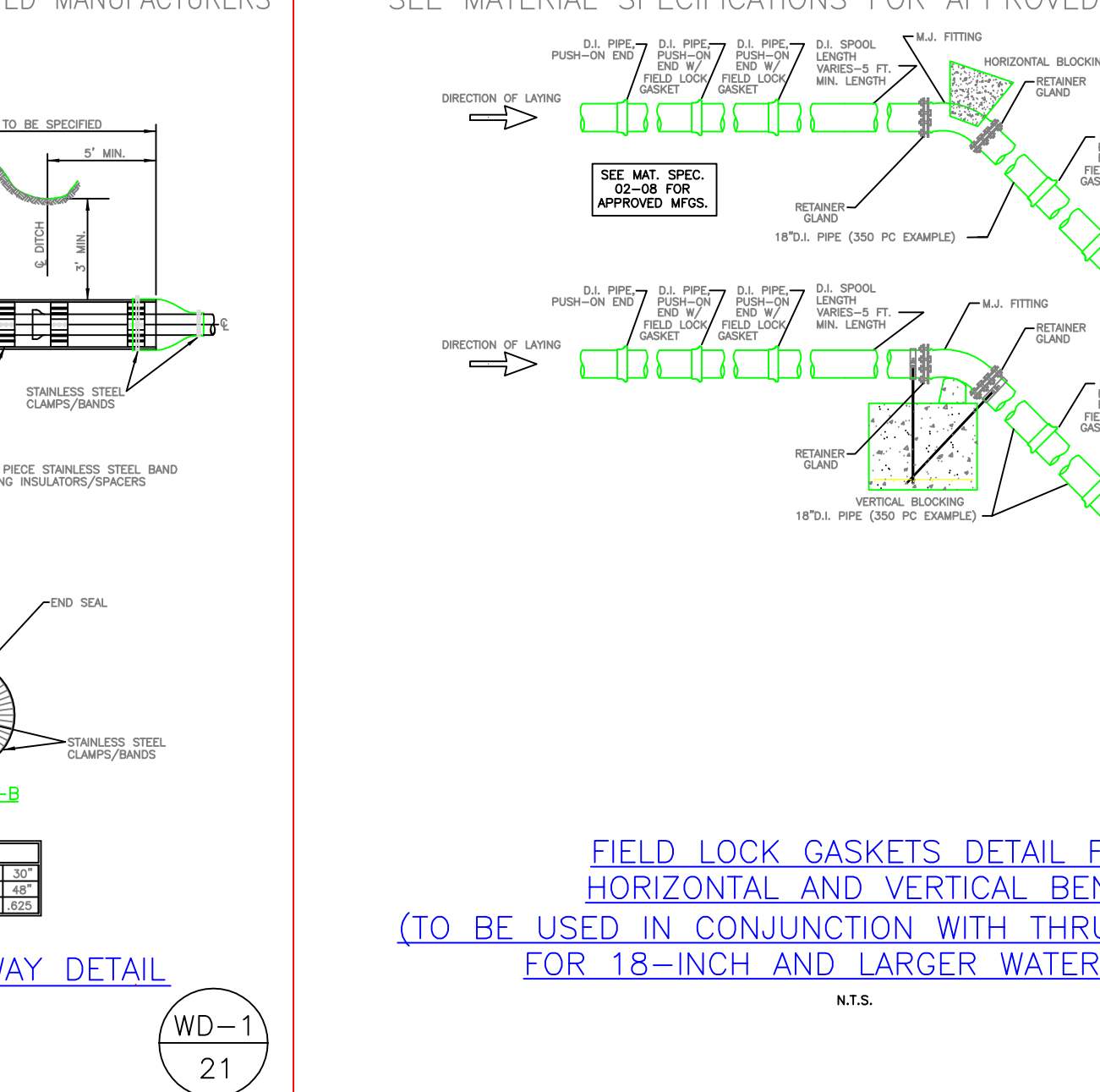
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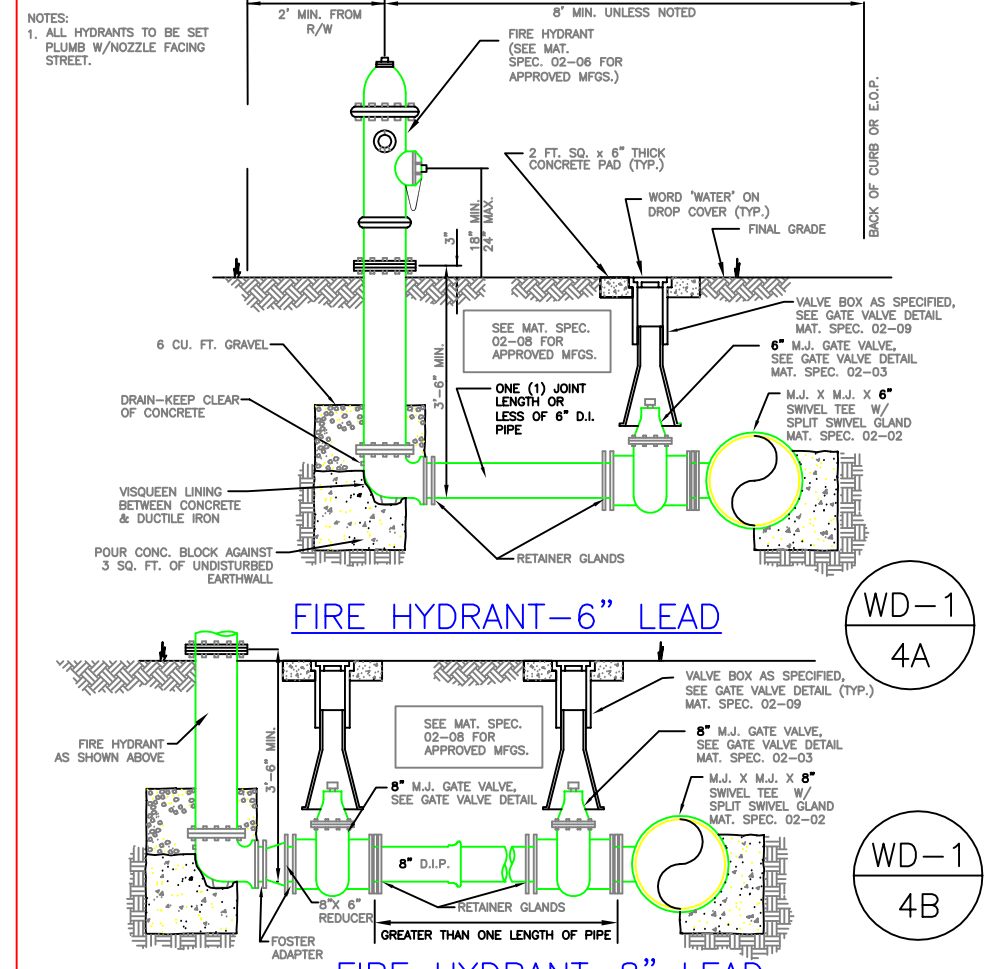


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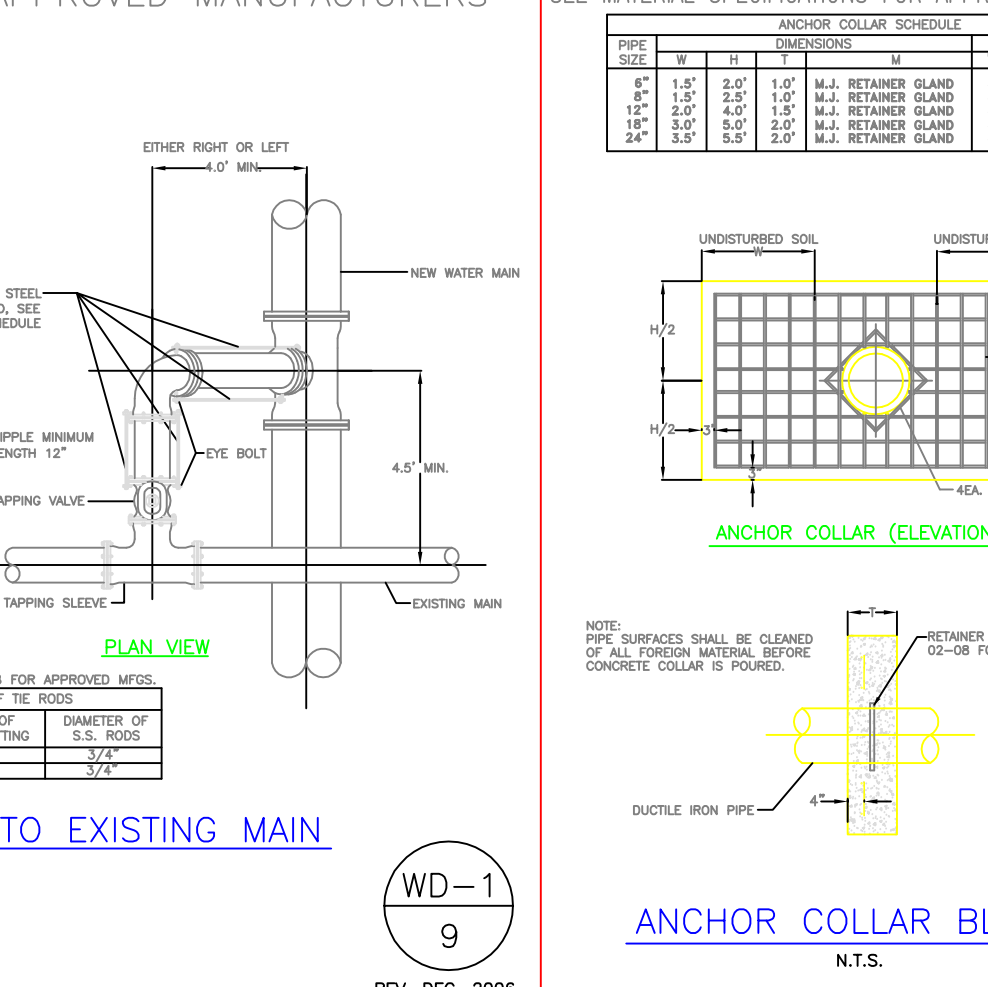


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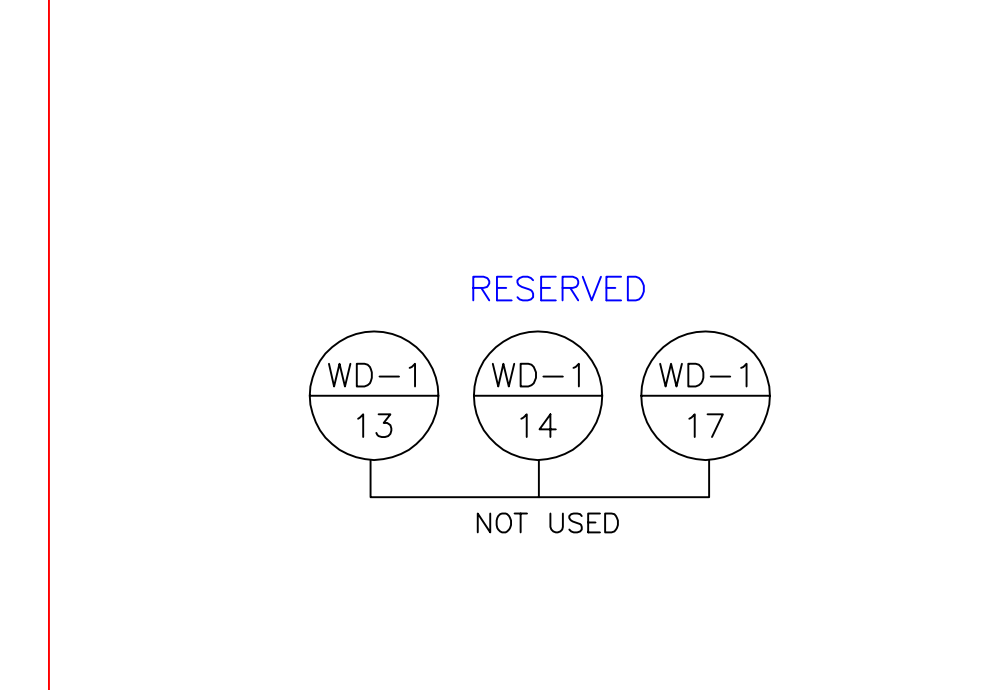
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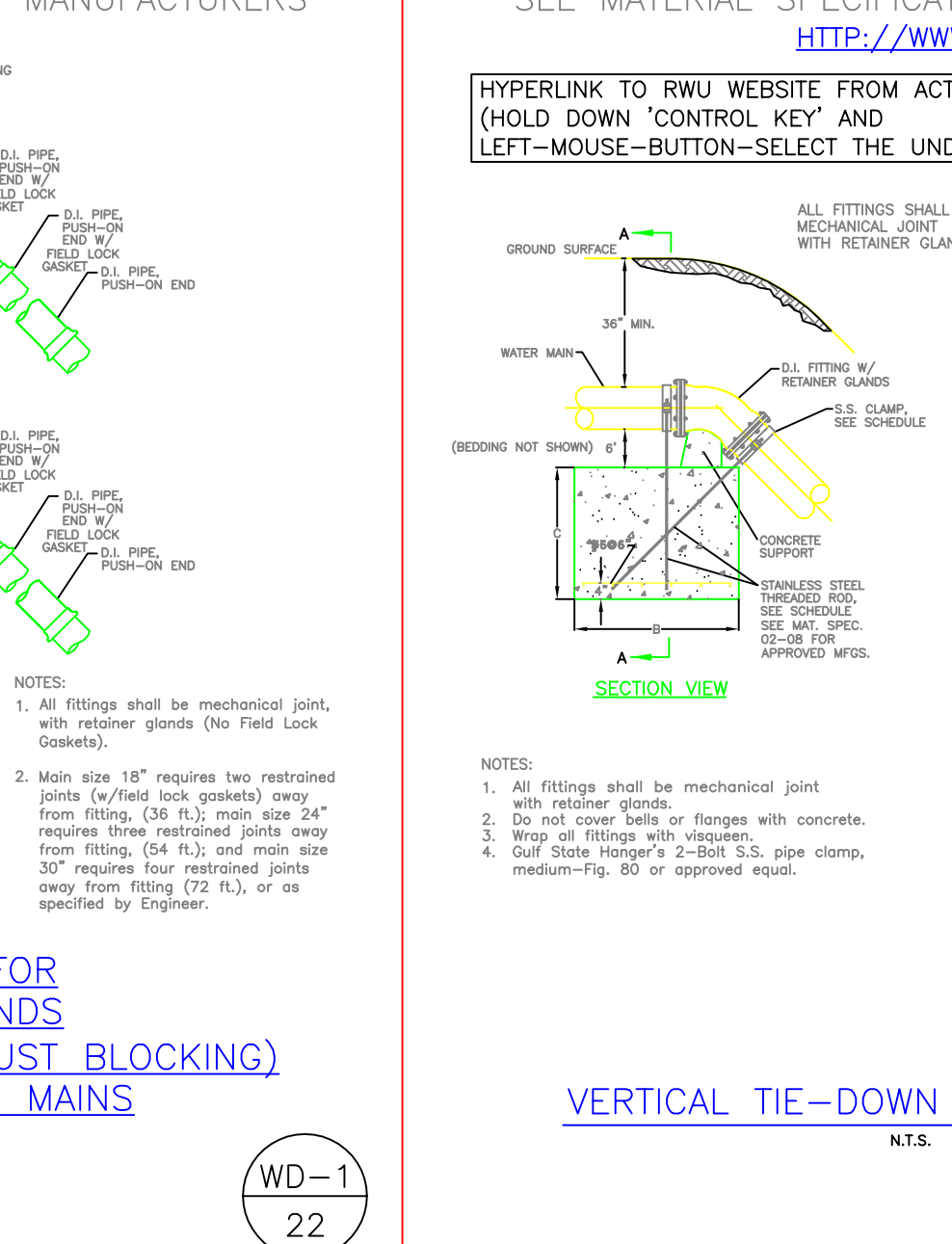
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SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

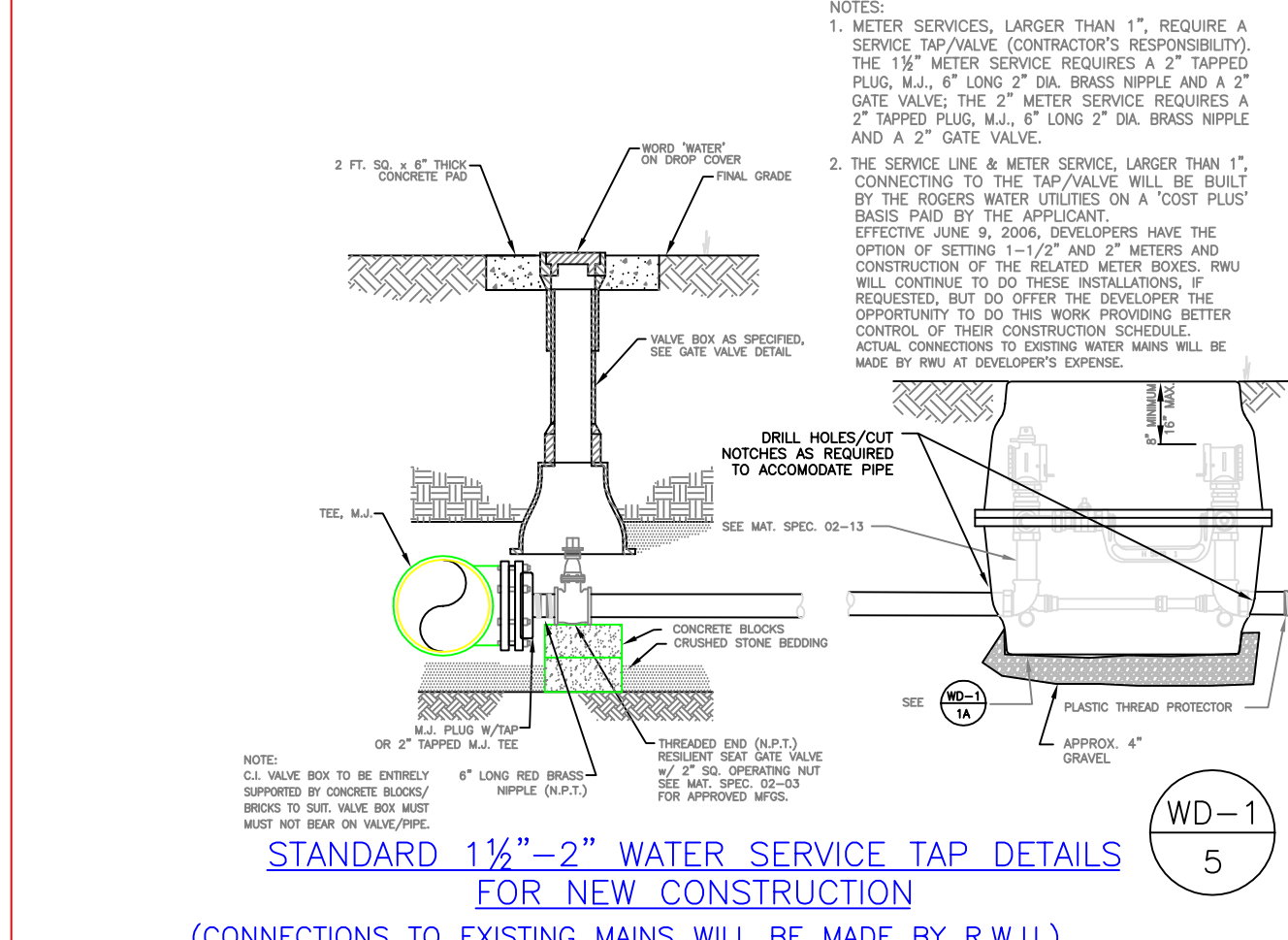


SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

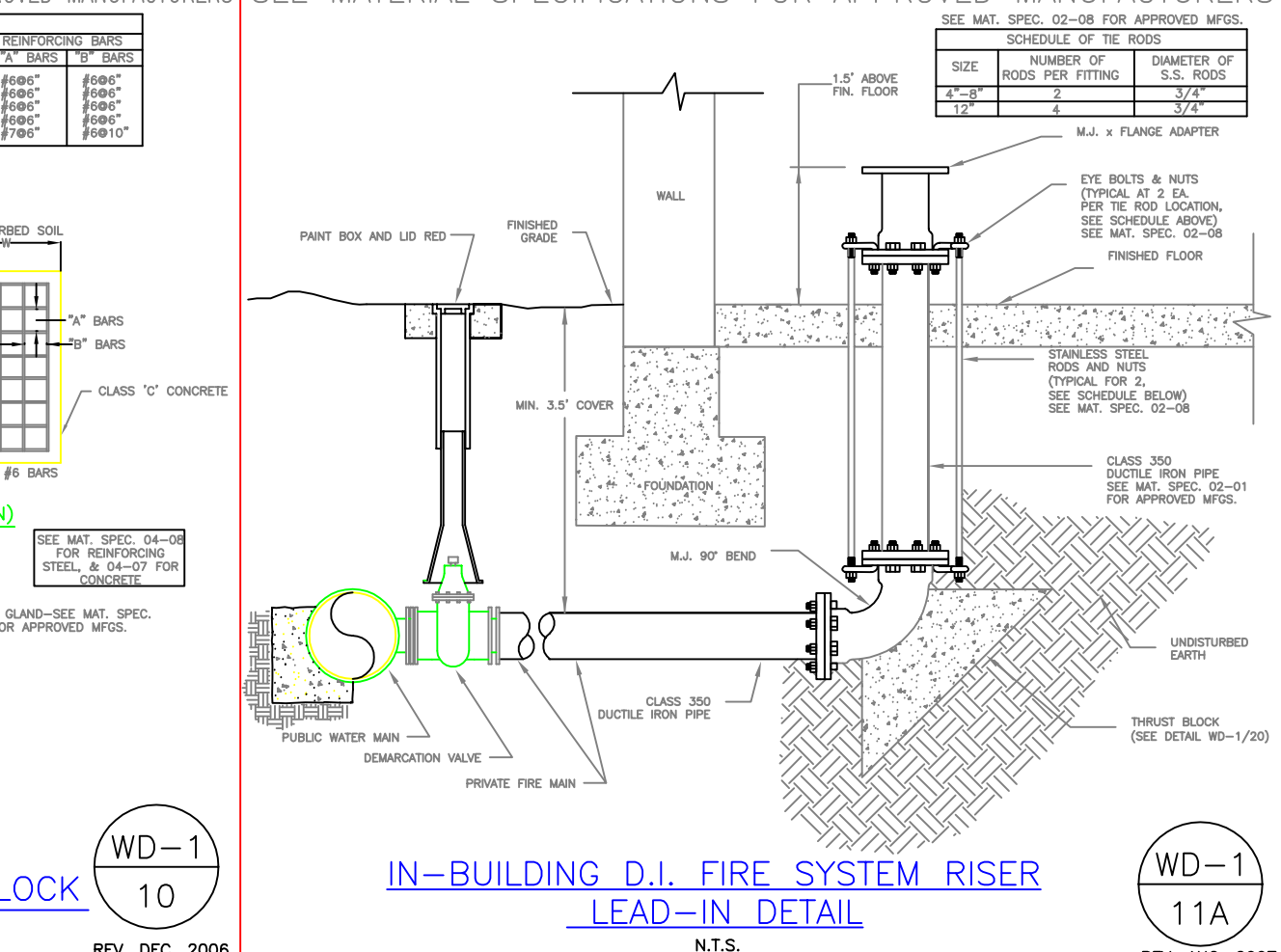


WD-1 22

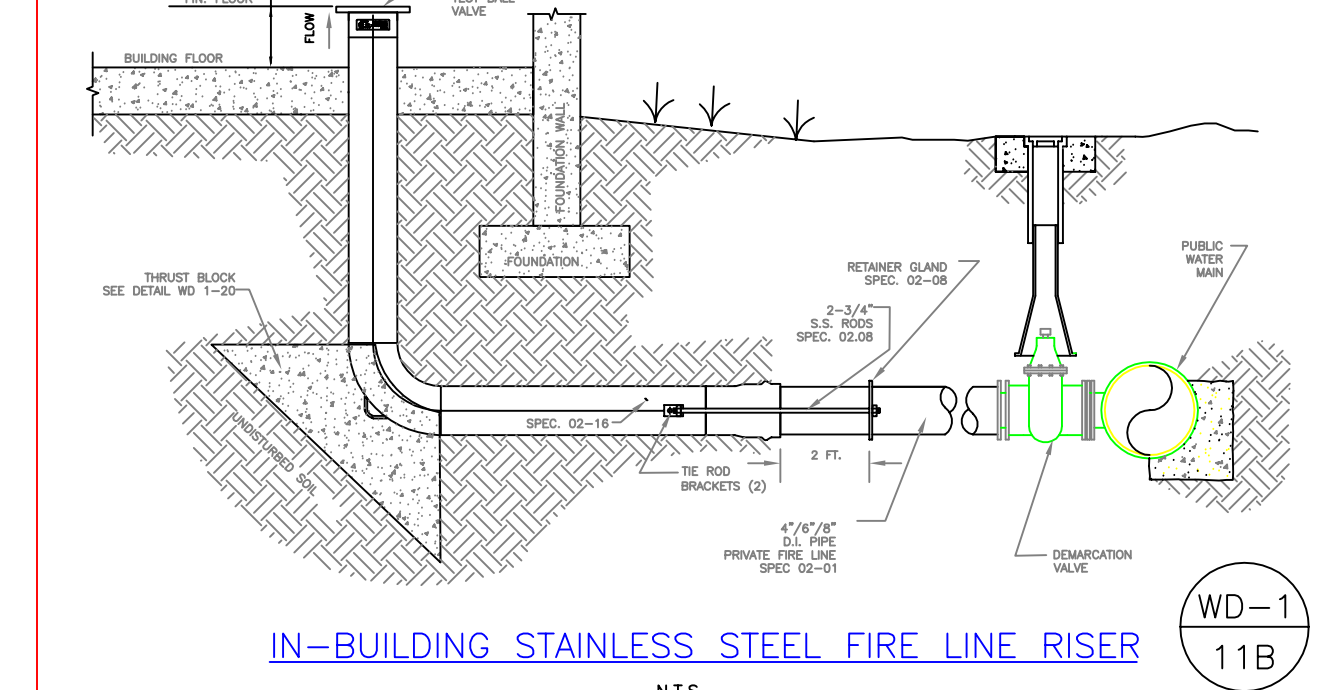
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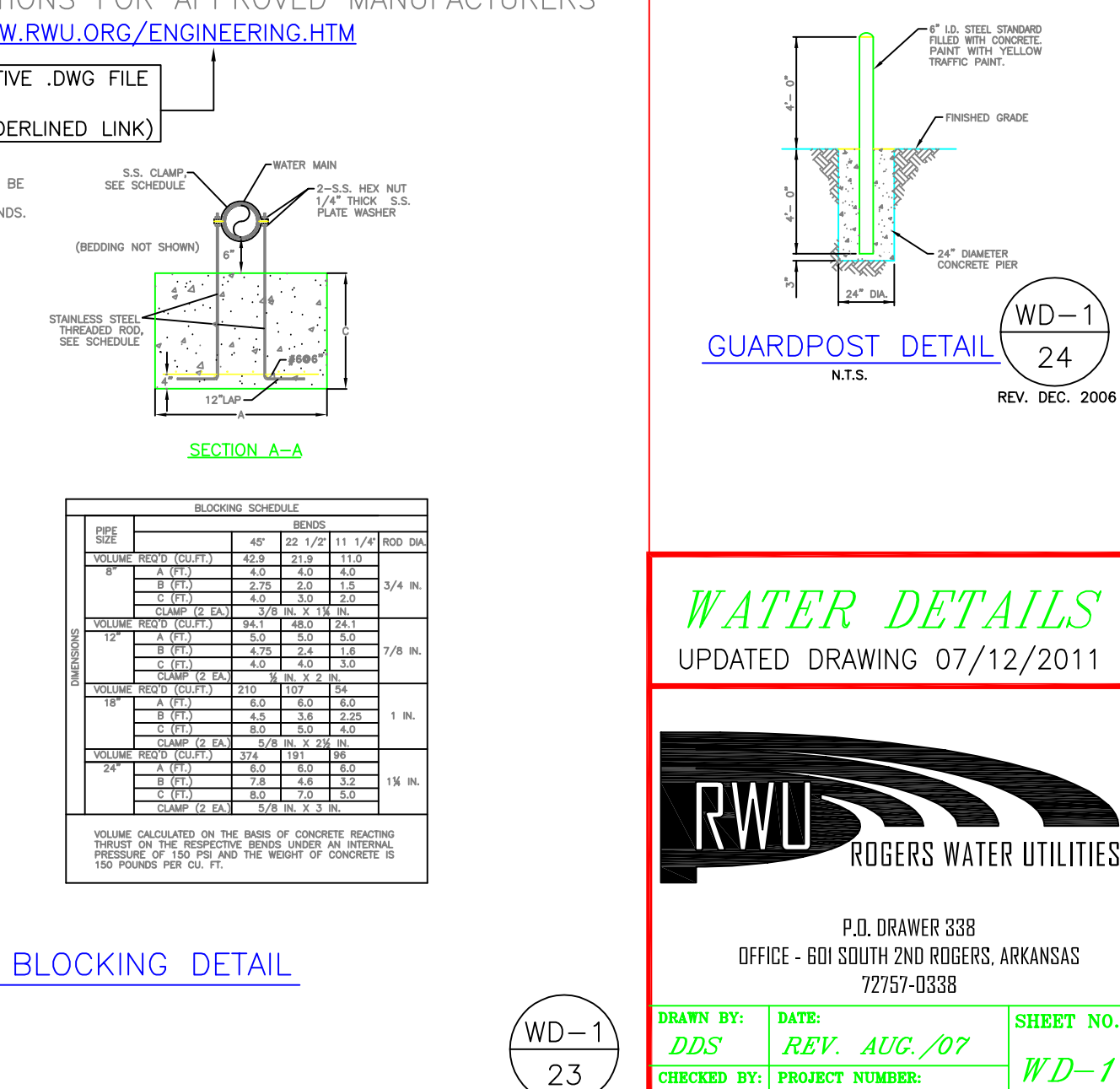
SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



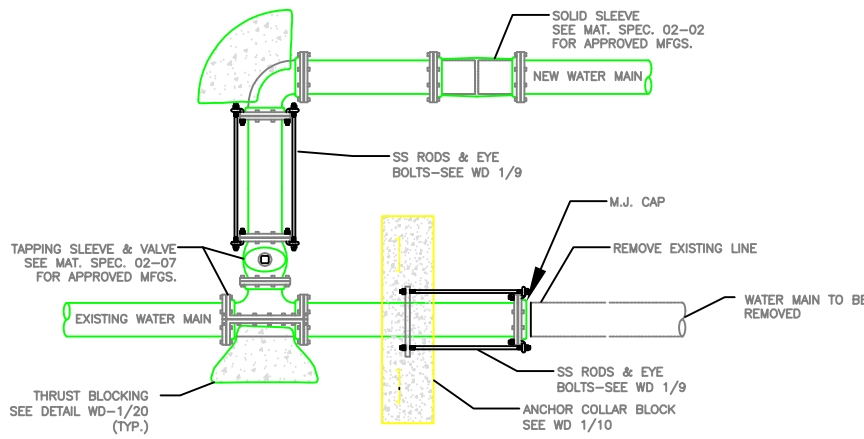
WD-1 24

WATER DETAILS
UPDATED DRAWING 07/12/2011RWU
ROGERS WATER UTILITIESP.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ROGERS, ARKANSAS
72757-0338DRAWN BY: DGS
DATE: REV. AUG. 07
CHECKED BY: E/B
PROJECT NUMBER:
SHEET NO. WD-1
STANDARD WATER DETAILS

RESERVED

WD-2
1A

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

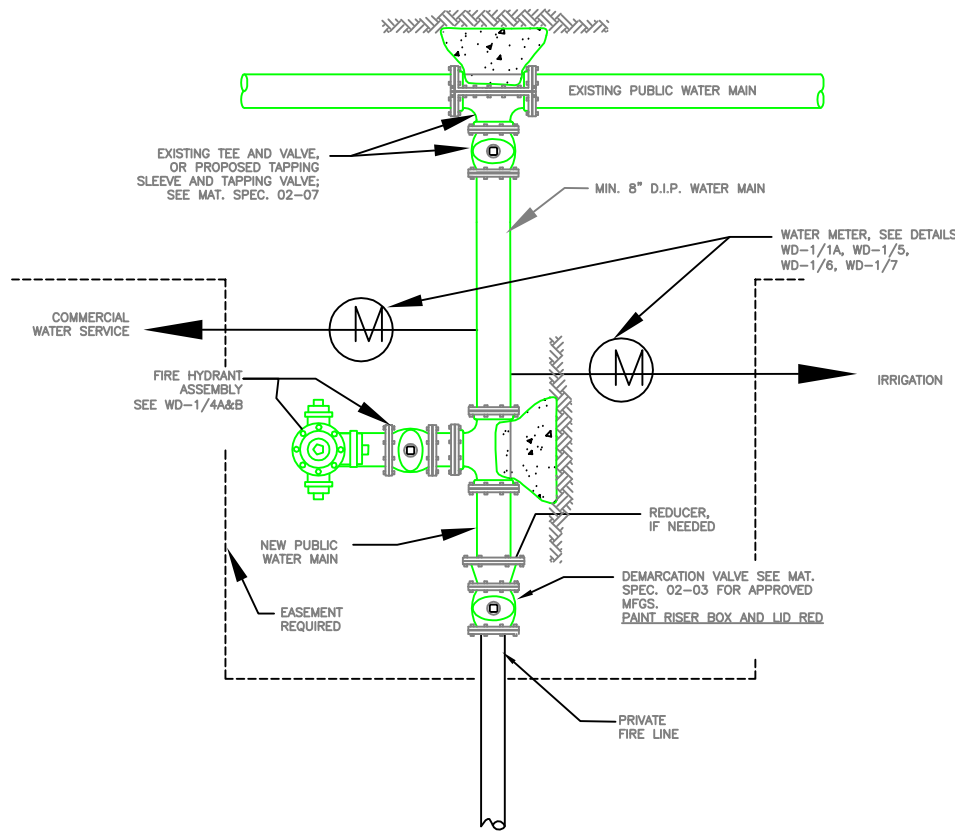


CUT AND CAP DETAIL #1
N.T.S.

WD-2
1

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



COMMERCIAL IRRIGATION AND FIRE LINE
CONNECTION DETAIL
N.T.S.

WD-2
2

REV. DEC. 2006

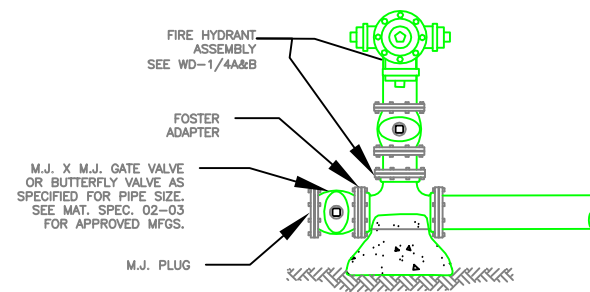
SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
3

REV. MAR. 2009

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

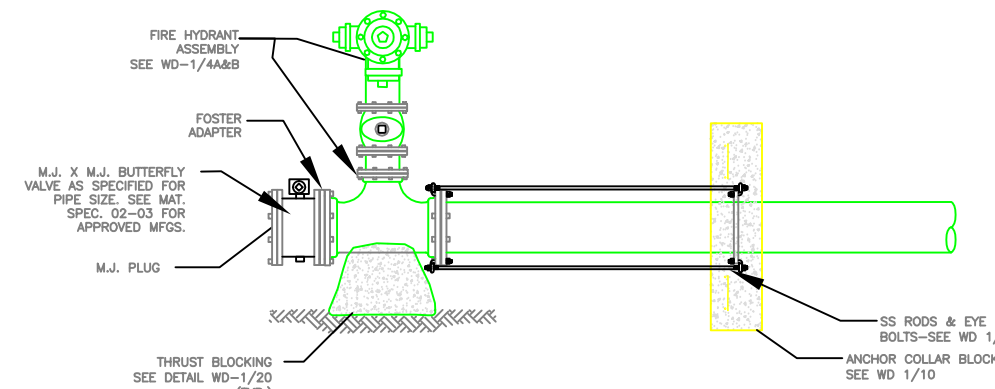


END-OF-LINE/PHASE LINE
FIRE HYDRANT DETAIL
8" & 12" MAINS
N.T.S.

WD-2
4

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

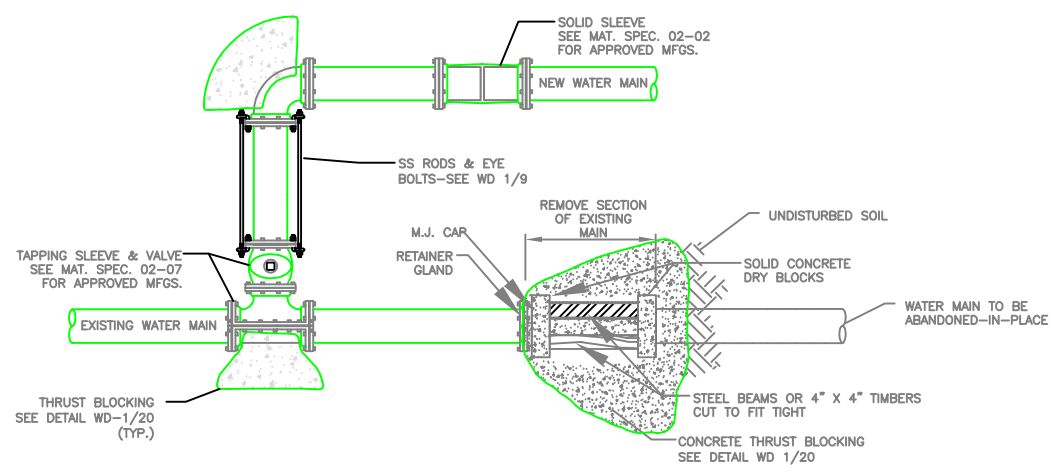


END-OF-LINE/PHASE LINE
FIRE HYDRANT DETAIL
MAINS LARGER THAN 12"
N.T.S.

WD-2
5

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



CUT AND CAP DETAIL #2
"HOT-BLOCK"
N.T.S.

WD-2
7

REV. DEC. 2006

RESERVED

WD-2
8

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
9

REV. NOV. 2006

RESERVED

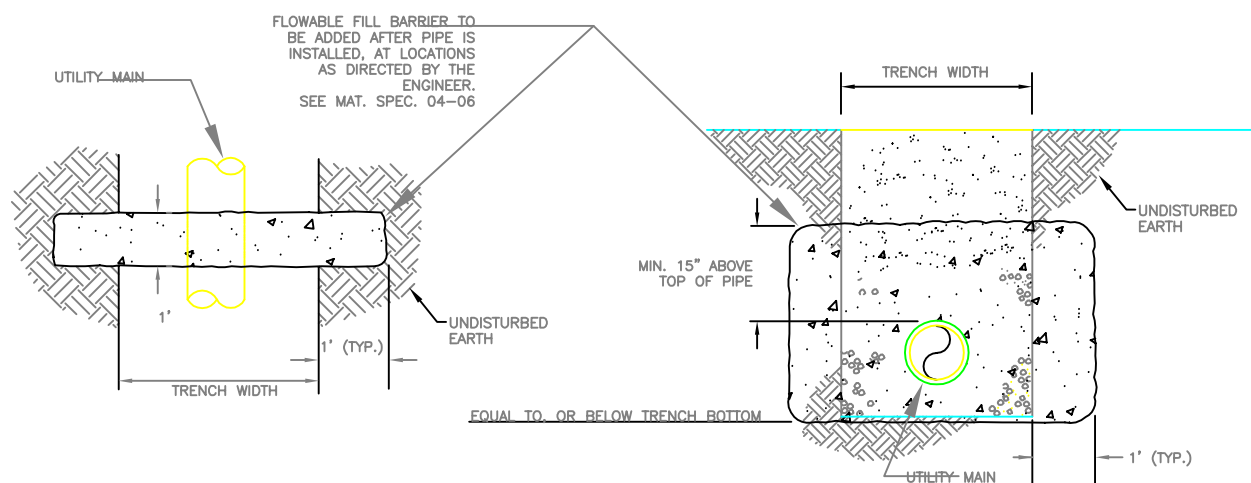
WD-2
10

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
11

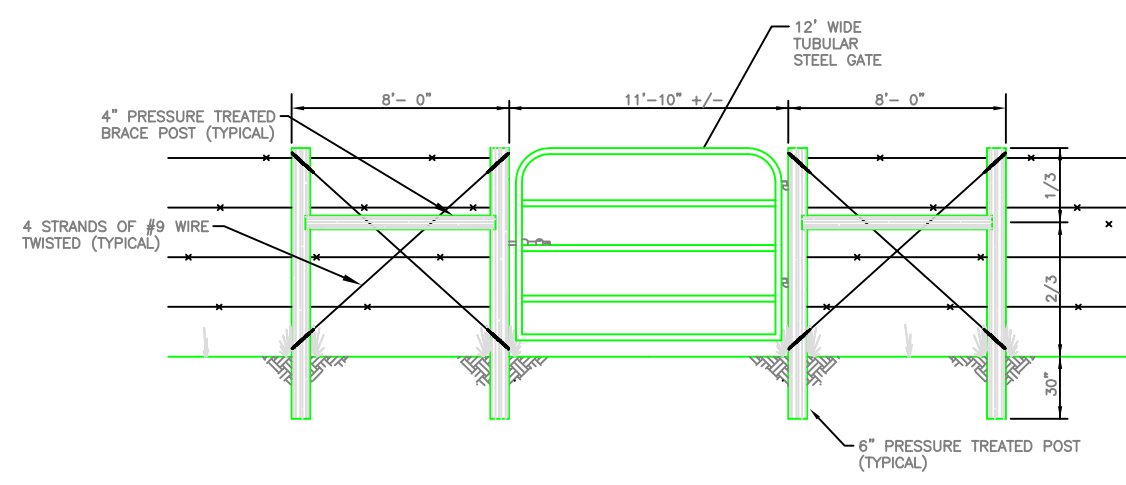
SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



ANTI-SEEPAGE BARRIER COLUMN
N.T.S.

WD-2
12

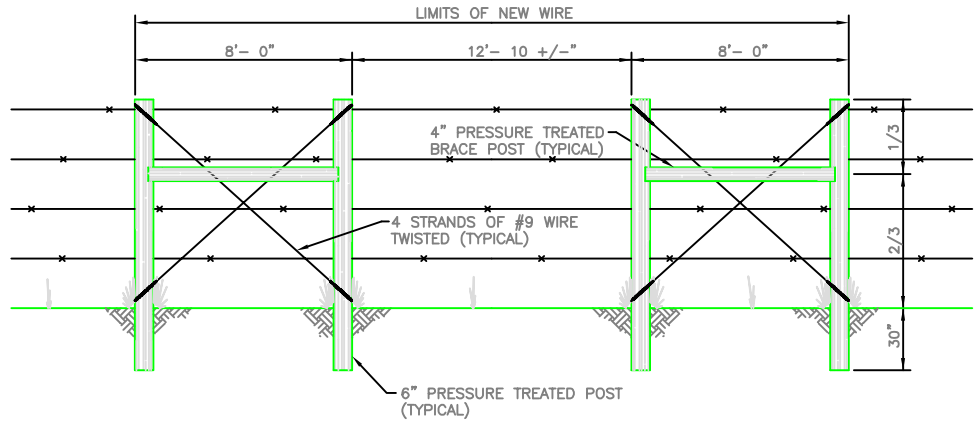
REV. DEC. 2006



FARM GATE INSTALLATION DETAIL
N.T.S.

WD-2
13

REV. AUG. 2007



NOTES: 1. H-brace units shall be installed prior to cutting existing fence.
2. Height of post to match existing posts.
3. New wire shall be the same type as existing fence.
BARBED WIRE FENCE
CROSSING REPAIR DETAIL
N.T.S.

WD-2
14

REV. AUG. 2007

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
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SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
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SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
17

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
18

METER SIZING AND MAIN CONNECTION DATA

METER SIZE	FLOW RANGE	CONNECTION TO MAIN		METER BOX APPROX. SIZE		SOURCE
		NEW MAIN	EXISTING MAIN	SIDEWALK	GREEN AREAS	
5/8" (SINGLE OR DOUBLE)	1-20 GPM	1" CORP. STOP	1" CORP. STOP		~22" DIA. BASE	SEE STANDARD SPEC. 02-10
1"	3-50 GPM	1" CORP. STOP	1" CORP. STOP		~18"x24" BASE	SEE STANDARD SPEC. 02-10
1 1/2"	4-120 GPM	SEE WD 1/5	2" TAPPING SADDLE AND VALVE	32" x 42" (PRECAST BOX)	2-24"x37" METER BOXES	SEE STANDARD SPEC. 02-13
2"	4-160 GPM	SEE WD 1/5	2" TAPPING SADDLE AND VALVE	32" x 42" (PRECAST BOX)	2-24"x37" METER BOXES	SEE STANDARD SPEC. 02-13
3"	5-350 GPM	SEE WD 1/5	2" TAPPING SADDLE AND VALVE	8' L. x 5.5' W. x 4' D.		PRECAST BY PILE CONCRETE, LOWELL, AR
4"	15-1000 GPM	MAIN x 4" TEE AND VALVE	MAIN x 4" TAPPING SADDLE AND VALVE	6'x10'		(CAST-IN-PLACE BOX) BY CONTRACTOR-SEE RWJ FOR LID DETAIL
6"	30-2,000 GPM	MAIN x 6" TEE AND VALVE	MAIN x 6" TAPPING SADDLE AND VALVE	6'x10'		(CAST-IN-PLACE BOX) BY CONTRACTOR-SEE RWJ FOR LID DETAIL
8"	35-3,500 GPM	MAIN x 8" TEE AND VALVE	MAIN x 8" TAPPING SADDLE AND VALVE	6'x10'		(CAST-IN-PLACE BOX) BY CONTRACTOR-SEE RWJ FOR LID DETAIL

NOTE: CONNECTIONS TO NEW MAINS ARE CONSTRUCTED BY THE CONTRACTOR. CONNECTIONS TO EXISTING MAINS ARE CONSTRUCTED BY RWJ ON A COST PLUS BASIS

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19

WD-2
20

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
21

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2
22

RESERVED

WD-2
23

WATER DETAILS
UPDATED DRAWING 07/12/2011



P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ROGERS, ARKANSAS
72757-0338

DRAWN BY: **DDS** DATE: **JAN./08** SHEET NO. **WD-2**
CHECKED BY: **EB** PROJECT NUMBER: **STANDARD WATER DETAILS**